

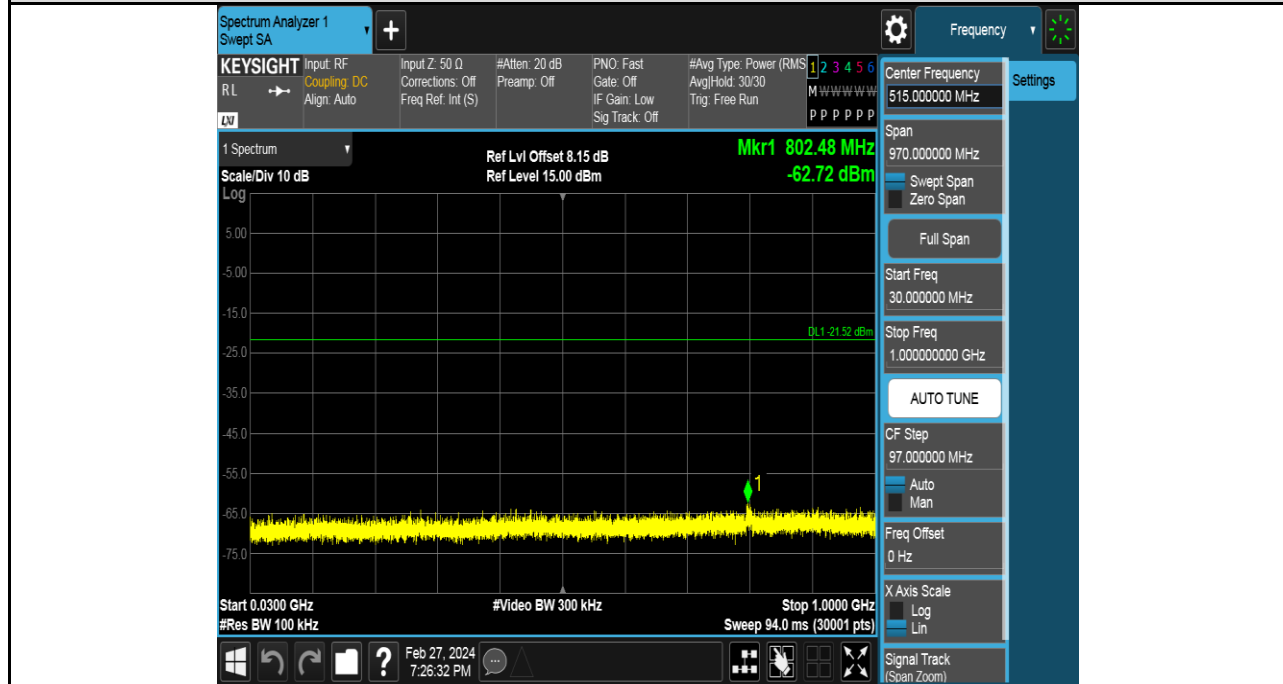
**PART 3: CONDUCTED SPURIOUS EMISSION****TEST RESULTS TABLE**

Test Mode	Test Channel	Result	Verdict
11B	LCH	Refer to the Test Graph	PASS
	MCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
11G	LCH	Refer to the Test Graph	PASS
	MCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS
11N HT20	LCH	Refer to the Test Graph	PASS
	MCH	Refer to the Test Graph	PASS
	HCH	Refer to the Test Graph	PASS

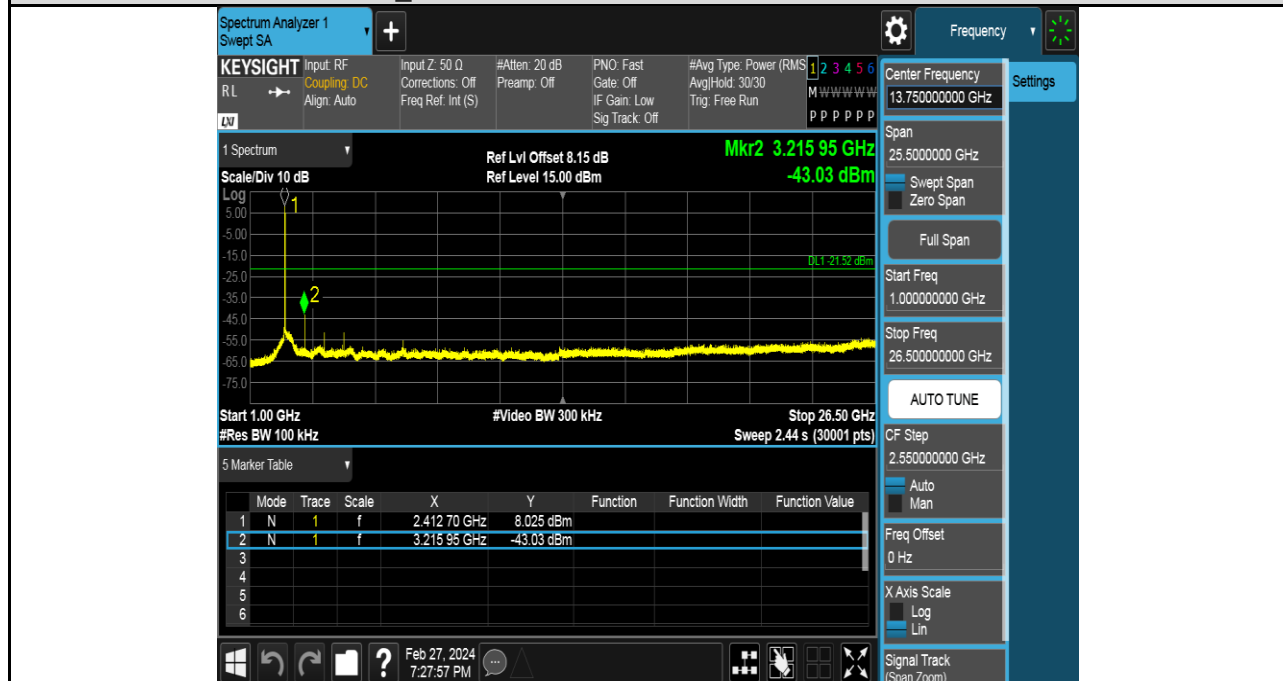
### TEST GRAPHS

Test Mode	Channel	Verdict
11B	LCH	PASS

#### LCH SPURIOUS EMISSION\_30MHz~1GHz



#### LCH SPURIOUS EMISSION\_1GHz~26.5GHz



Test Mode	Channel	Verdict
11B	MCH	PASS

### MCH SPURIOUS EMISSION\_30MHz~1GHz

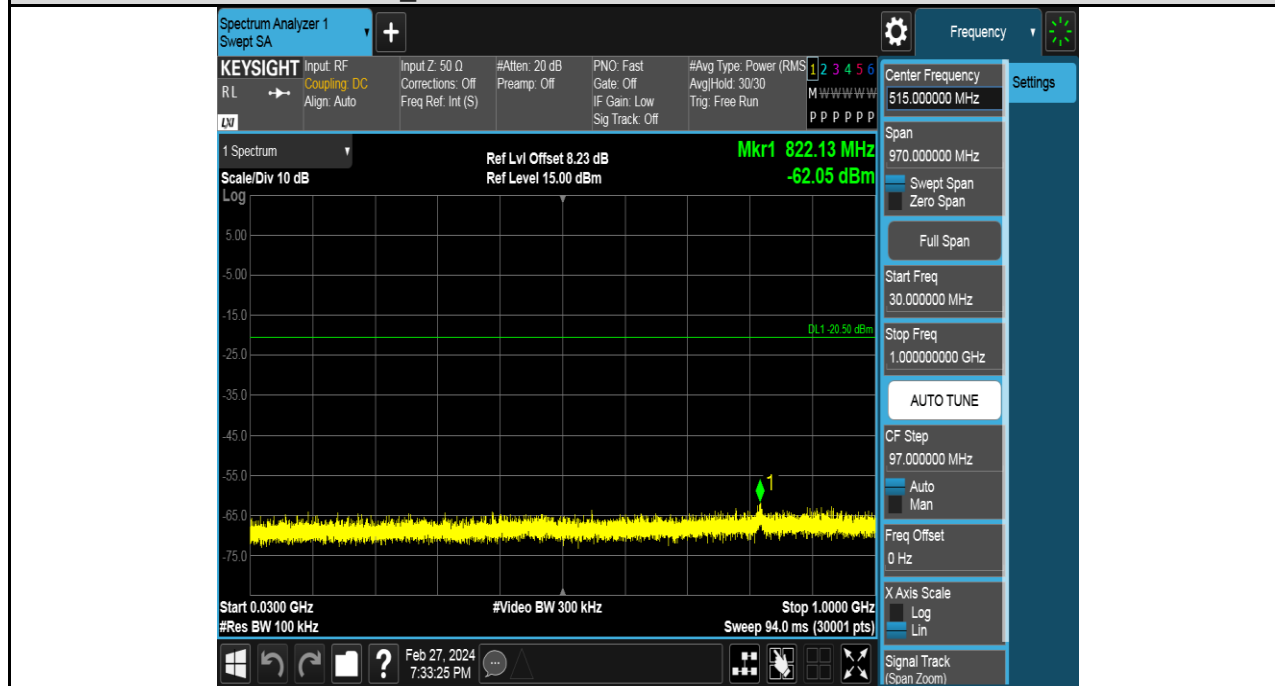


### MCH SPURIOUS EMISSION\_1GHz~26.5GHz



Test Mode	Channel	Verdict
11B	HCH	PASS

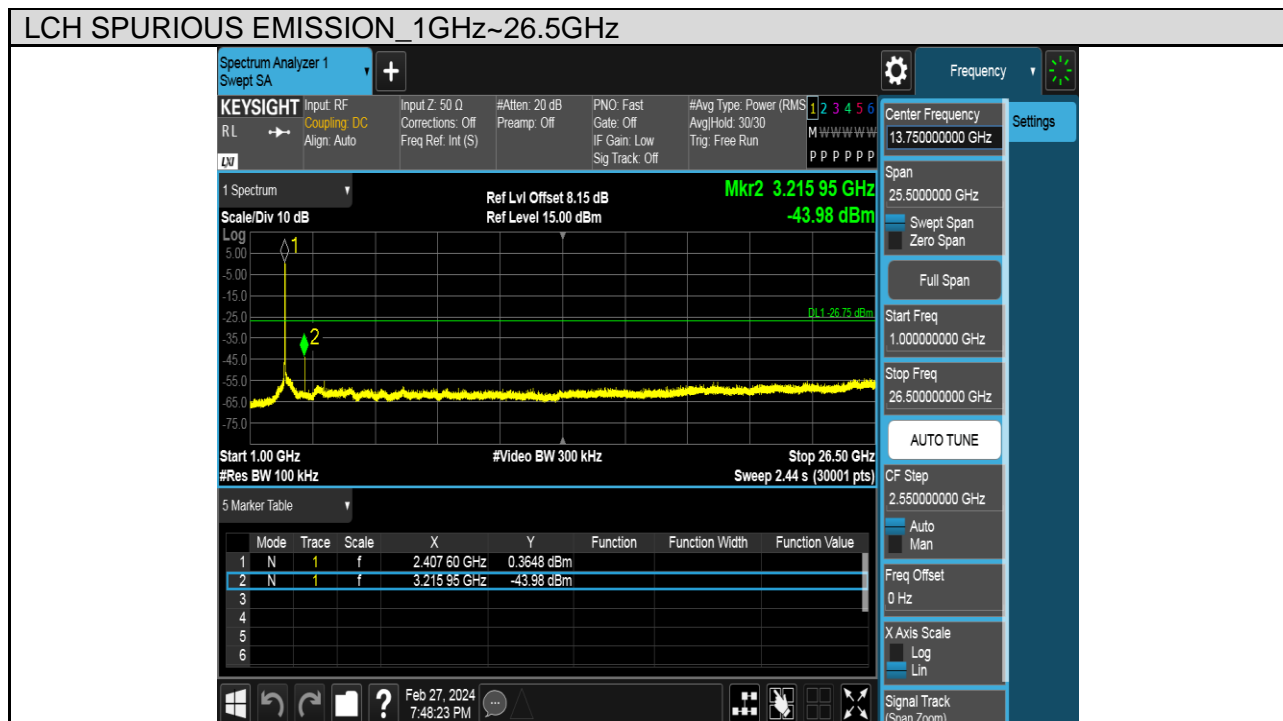
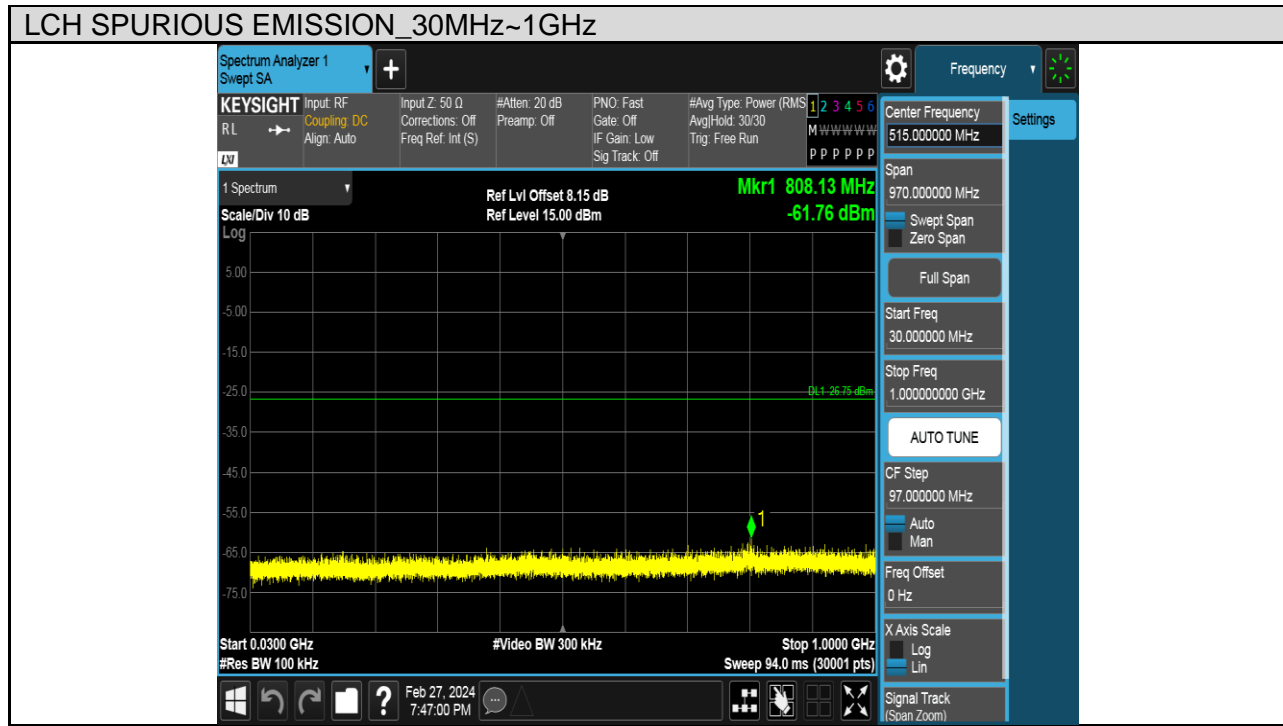
### HCH SPURIOUS EMISSION\_30MHz~1GHz



### HCH SPURIOUS EMISSION\_1GHz~26.5GHz

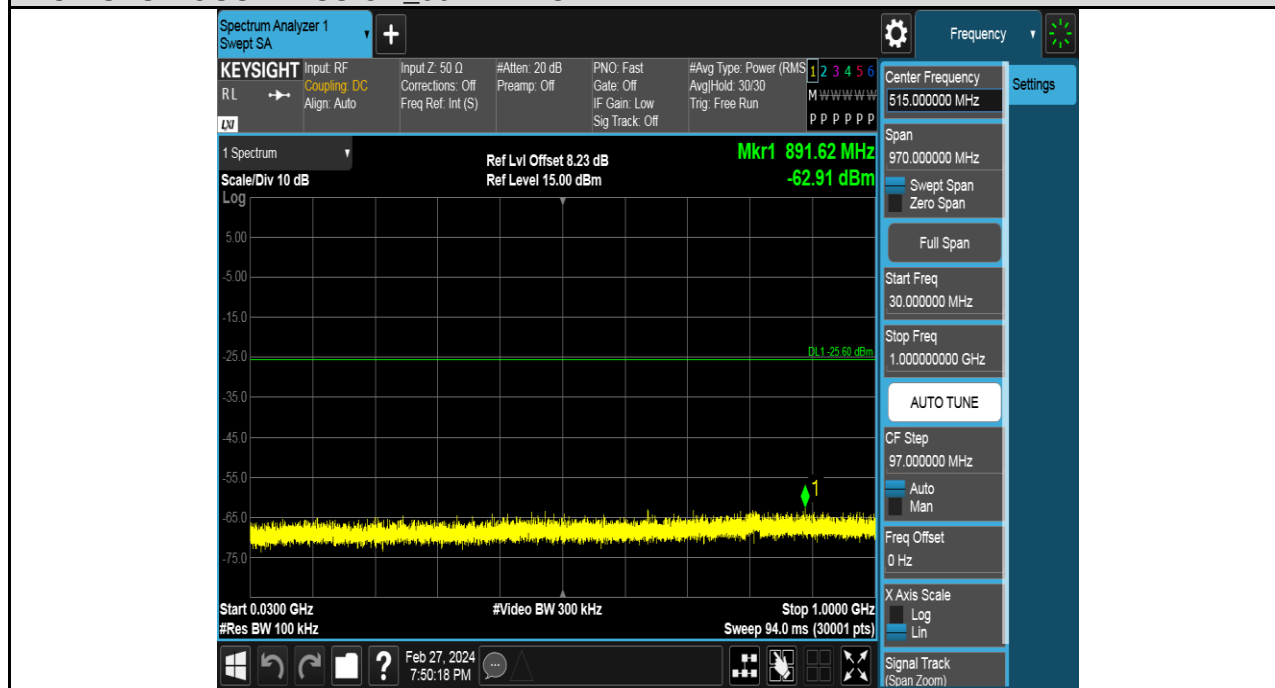


Test Mode	Channel	Verdict
11G	LCH	PASS



Test Mode	Channel	Verdict
11G	MCH	PASS

### MCH SPURIOUS EMISSION\_30MHz~1GHz



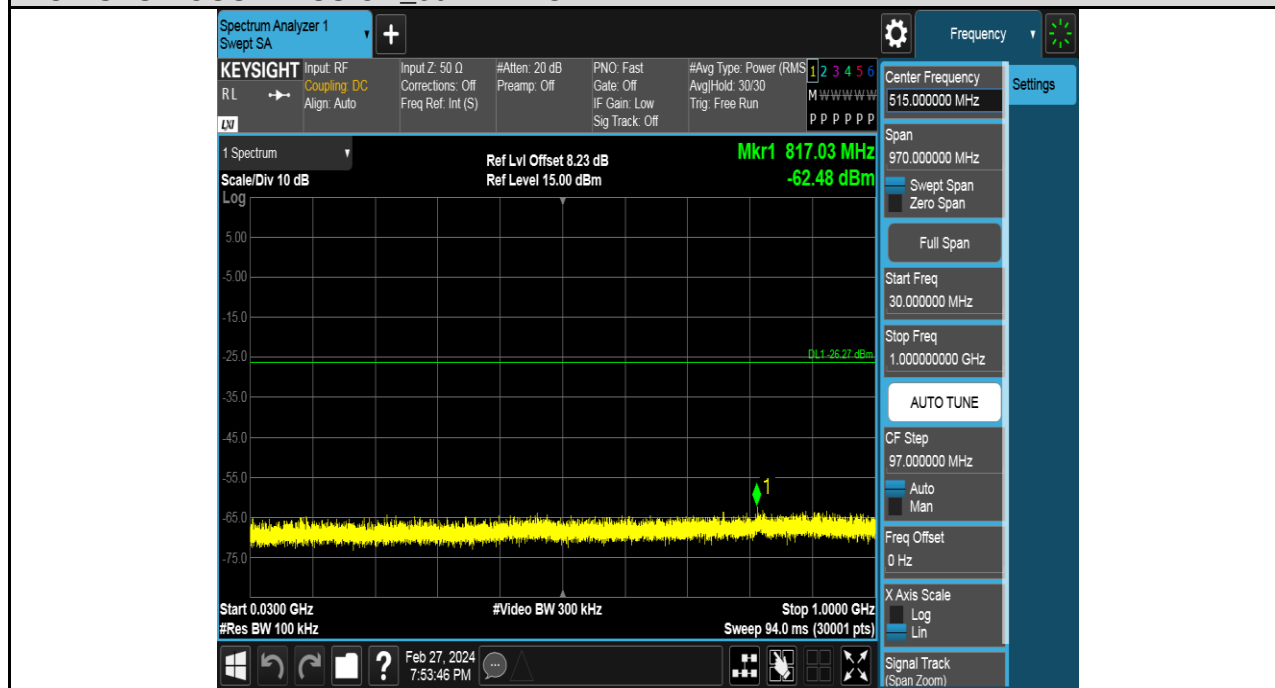
### MCH SPURIOUS EMISSION\_1GHz~26.5GHz





Test Mode	Channel	Verdict
11G	HCH	PASS

### HCH SPURIOUS EMISSION\_30MHz~1GHz

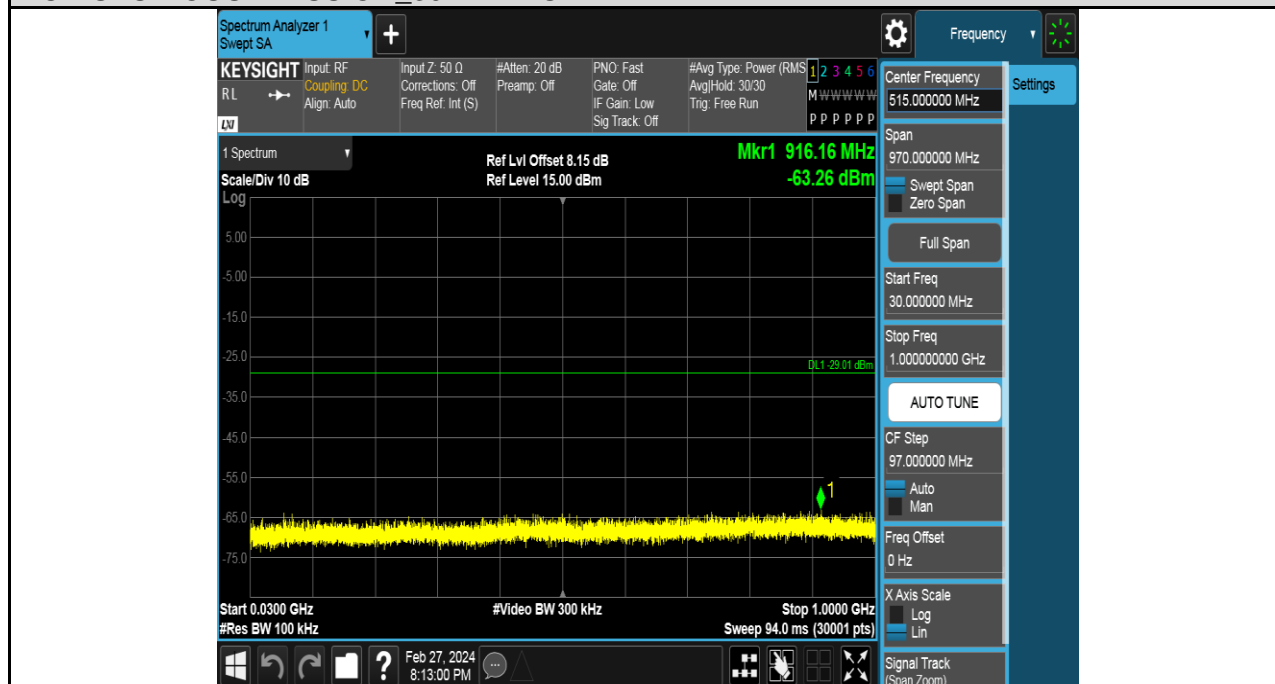


### HCH SPURIOUS EMISSION\_1GHz~26.5GHz



Test Mode	Channel	Verdict
11N HT20	LCH	PASS

### LCH SPURIOUS EMISSION\_30MHz~1GHz

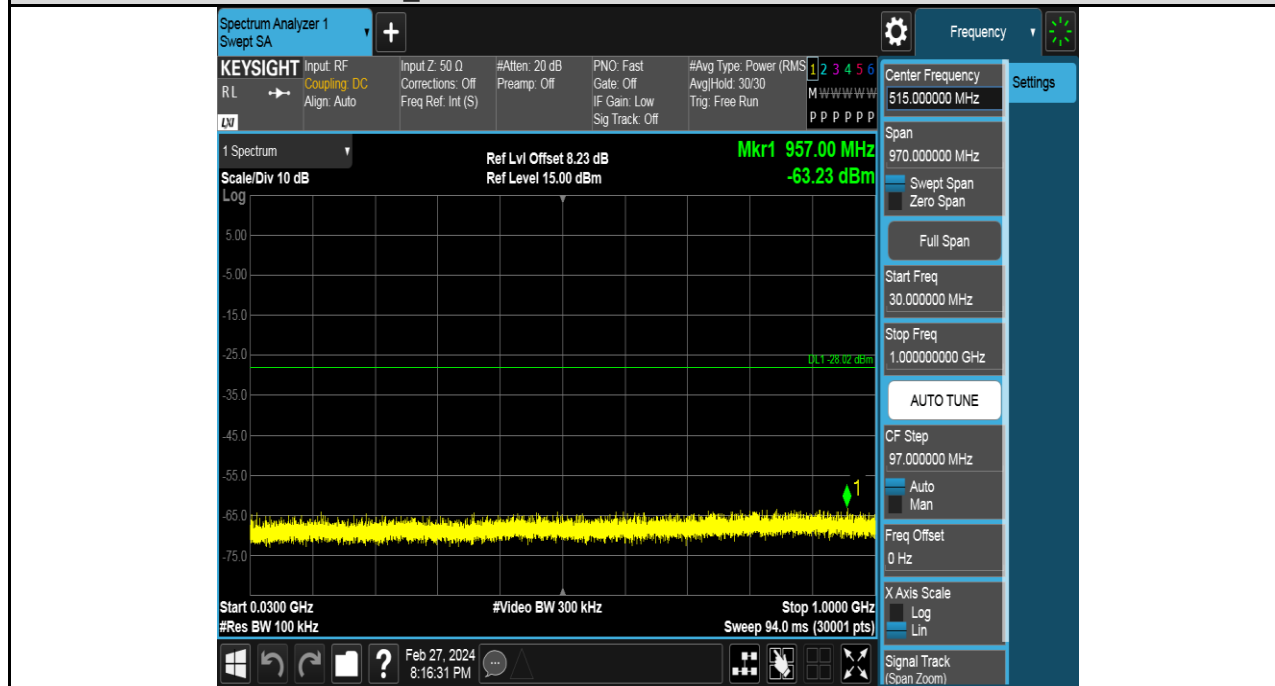


### LCH SPURIOUS EMISSION\_1GHz~26.5GHz



Test Mode	Channel	Verdict
11N HT20	MCH	PASS

### MCH SPURIOUS EMISSION\_30MHz~1GHz

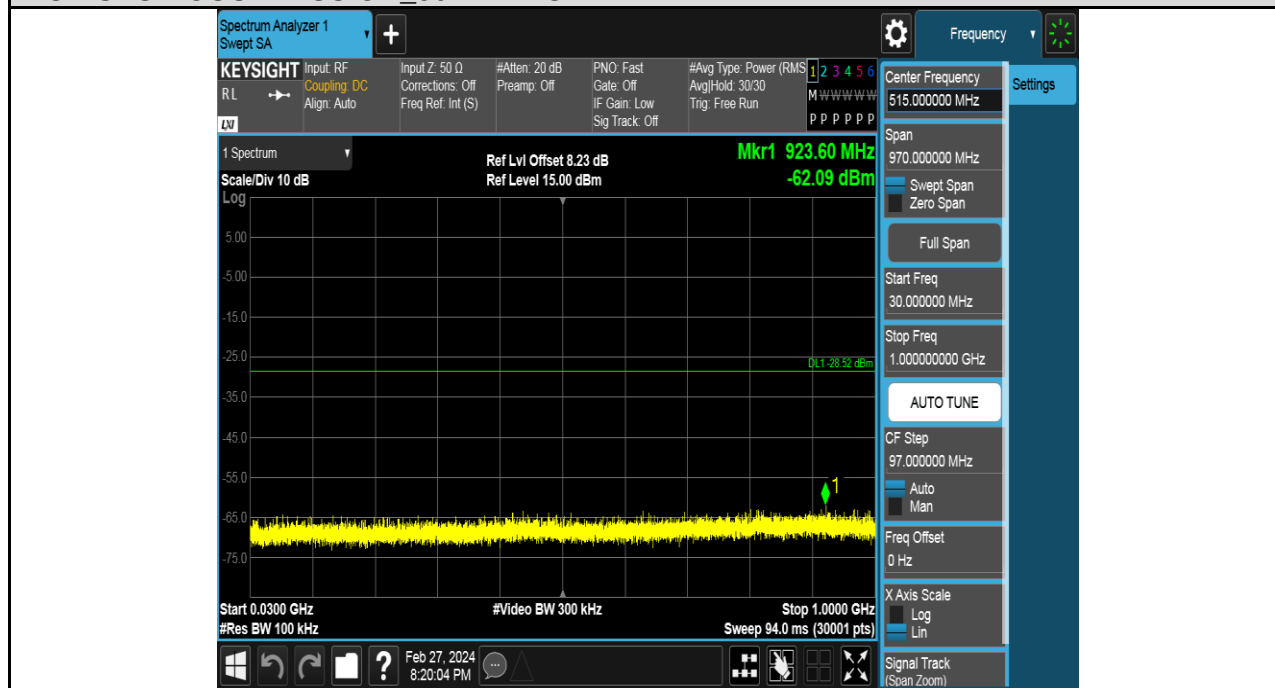


### MCH SPURIOUS EMISSION\_1GHz~26.5GHz



Test Mode	Channel	Verdict
11N HT20	HCH	PASS

### HCH SPURIOUS EMISSION\_30MHz~1GHz



### HCH SPURIOUS EMISSION\_1GHz~26.5GHz



## 8. RADIATED TEST RESULTS

### 8.1. LIMITS AND PROCEDURE

#### LIMITS

Please refer to FCC §15.205 and §15.209, ISED RSS-247 Clause 5.5, ISED RSS-GEN Clause 8.9&6.13 (Transmitter)

#### Radiation Disturbance Test Limit for ISED (9kHz-1GHz)

Except where otherwise indicated in the applicable RSS, radiated emissions shall comply with the field strength limits shown in table 5 and table 6. Additionally, the level of any transmitter unwanted emission shall not exceed the level of the transmitter's fundamental emission.

Table 5 – General field strength limits at frequencies above 30 MHz	
Frequency (MHz)	Field strength ( $\mu\text{V}/\text{m}$ at 3 m)
30 – 88	100
88 – 216	150
216 – 960	200
Above 960	500

Table 6 – General field strength limits at frequencies below 30 MHz		
Frequency	Magnetic field strength (H-Field) ( $\mu\text{A}/\text{m}$ )	Measurement distance (m)
9 - 490 kHz <sup>Note 1</sup>	$6.37/F$ (F in kHz)	300
490 - 1705 kHz	$63.7/F$ (F in kHz)	30
1.705 - 30 MHz	0.08	30

**Note 1:** The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

Please refer to FCC KDB 558074

Radiation Disturbance Test Limit for FCC (Class B) (9kHz-1GHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

Note: 1) At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

(2) At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). This paragraph (f) shall not apply to Access BPL devices operating below 30 MHz.

## Radiation Disturbance Test Limit for FCC (Above 1G)

Frequency (MHz)	dB(uV/m) (at 3 meters)	
	Peak	Average
Above 1000	74	54

## Restricted bands of operation

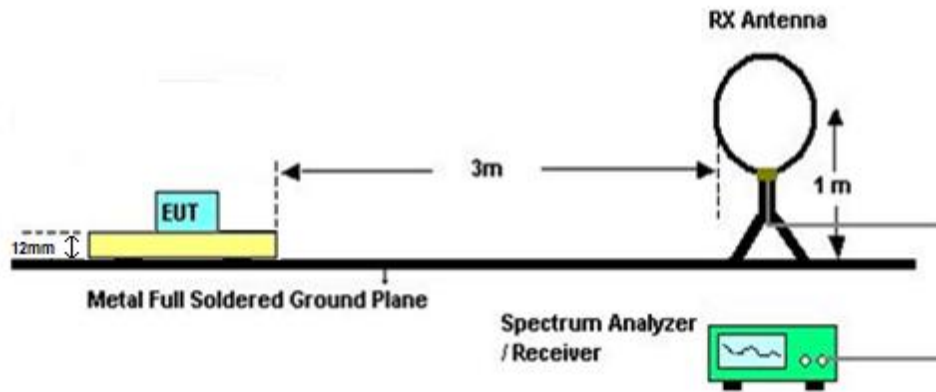
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
<sup>1</sup> 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	( <sup>2</sup> )
13.36-13.41			

Note: <sup>1</sup>Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

<sup>2</sup>Above 38.6c

## TEST SETUP AND PROCEDURE

Below 30MHz



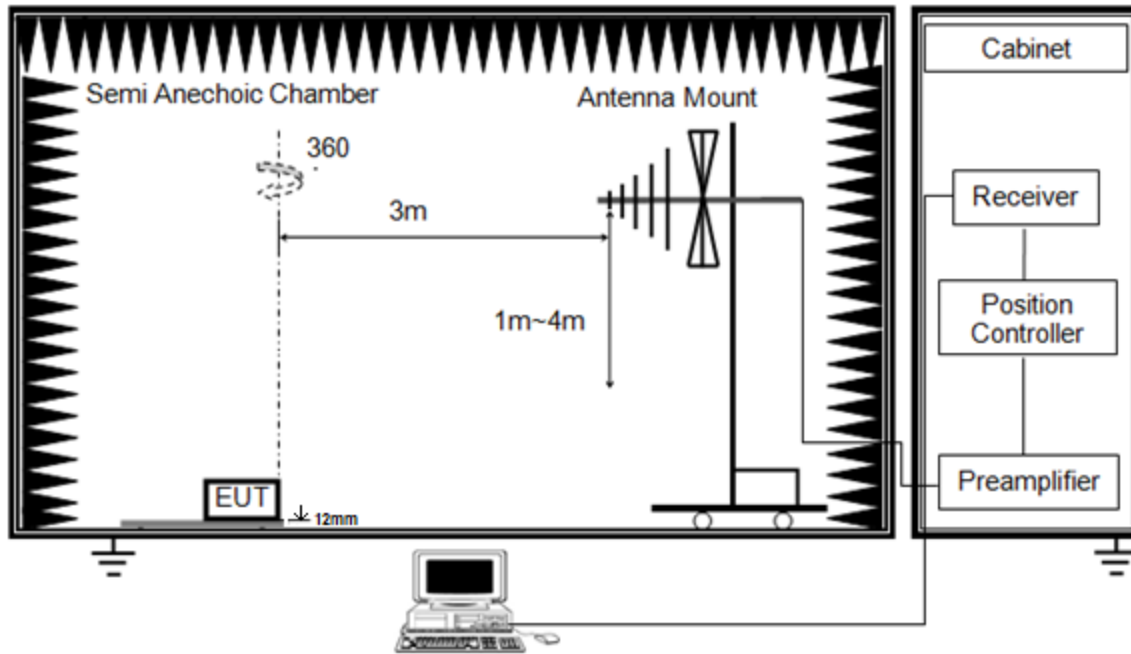
The setting of the spectrum analyser

RBW	200 Hz (From 9kHz to 0.15MHz) / 9kHz (From 0.15MHz to 30MHz)
VBW	200 Hz (From 9kHz to 0.15MHz) / 9kHz (From 0.15MHz to 30MHz)
Sweep	Auto
Detector	Peak/QP/Average
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 12 mm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector
6. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
7. For the actual test configuration, please refer to the related item in this test report  
(Photographs of the Test Configuration)
8. The limits in FCC 47 CFR, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377  $\Omega$ . For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to  $Y-51.5 = Z$  dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.



Below 1G

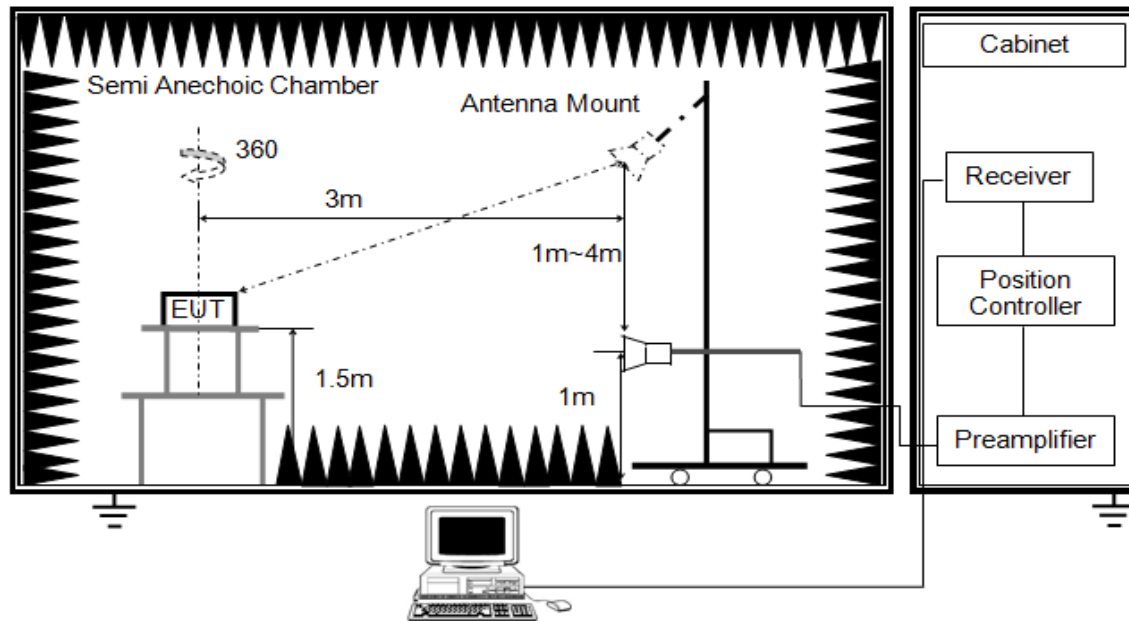


The setting of the spectrum analyser

RBW	120 kHz
VBW	300 kHz
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 12 mm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
6. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

Above 1G

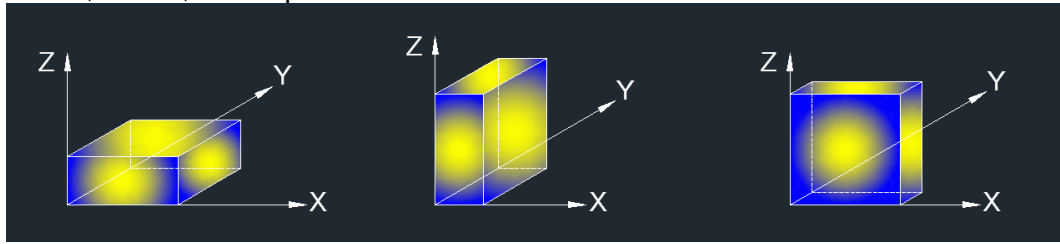


The setting of the spectrum analyser

RBW	1 MHz
VBW	PEAK: 3 MHz AVG: See note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 1.5m above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
6. For measurements above 1 GHz, the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements; and 1 MHz resolution bandwidth with video bandwidth  $\geq 1/T$  but not less than the setting list in section 7.1 when use peak detector, max hold to be run for at least  $[50 \cdot (1/\text{Duty Cycle})]$  traces for average measurements. For the Duty Cycle need to refer the results in section 7.1.
7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

X axis, Y axis, Z axis positions:



Note: For all radiated test, EUT in each of two orthogonal axis emissions had been tested, but only the worse case (X axis) data recorded in the report.

## 8.2. TEST ENVIRONMENT

Temperature	22°C	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V

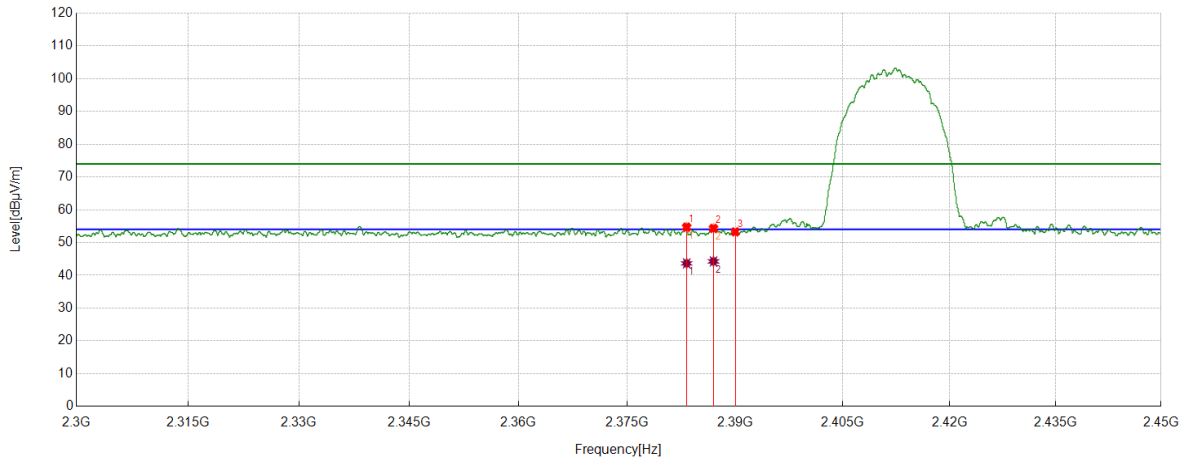
## 8.3. RESTRICTED BANDEDGE

### TEST RESULT TABLE

Test Mode	Channel	Puw(dBm)	Verdict
11B	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11G	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT20	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS

## TEST GRAPHS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



### PK Result:

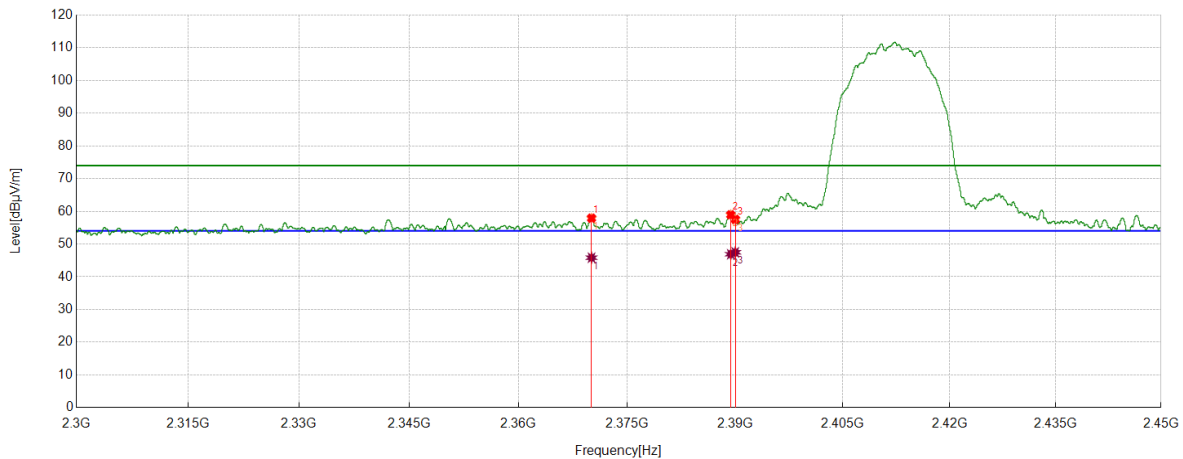
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2383.2417	41.15	13.56	54.71	74.00	-19.29	Horizontal
2	2386.9734	40.80	13.52	54.32	74.00	-19.68	Horizontal
3	2390.0000	39.78	13.48	53.26	74.00	-20.74	Horizontal

### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2383.2417	30.09	13.56	43.65	54.00	-10.35	Horizontal
2	2386.9734	30.73	13.52	44.25	54.00	-9.75	Horizontal

- Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.  
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).  
3. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.  
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



#### PK Result:

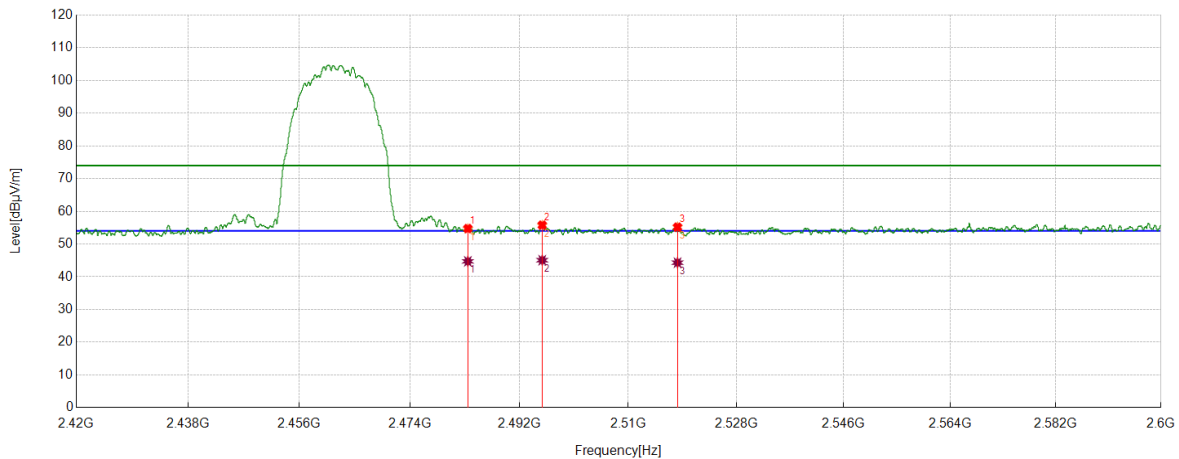
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2370.0775	44.36	13.55	57.91	74.00	-16.09	Vertical
2	2389.3737	45.46	13.49	58.95	74.00	-15.05	Vertical
3	2390.0000	44.07	13.48	57.55	74.00	-16.45	Vertical

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2370.0775	32.28	13.55	45.83	54.00	-8.17	Vertical
2	2389.3737	33.40	13.49	46.89	54.00	-7.11	Vertical
3	2390.0000	34.00	13.48	47.48	54.00	-6.52	Vertical

- Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.  
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).  
3. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.  
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



#### PK Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	40.49	14.25	54.74	74.00	-19.26	Horizontal
2	2495.7445	41.47	14.31	55.78	74.00	-18.22	Horizontal
3	2518.1798	40.64	14.53	55.17	74.00	-18.83	Horizontal

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	30.46	14.25	44.71	54.00	-9.29	Horizontal
2	2495.7445	30.76	14.31	45.07	54.00	-8.93	Horizontal
3	2518.1798	29.78	14.53	44.31	54.00	-9.69	Horizontal

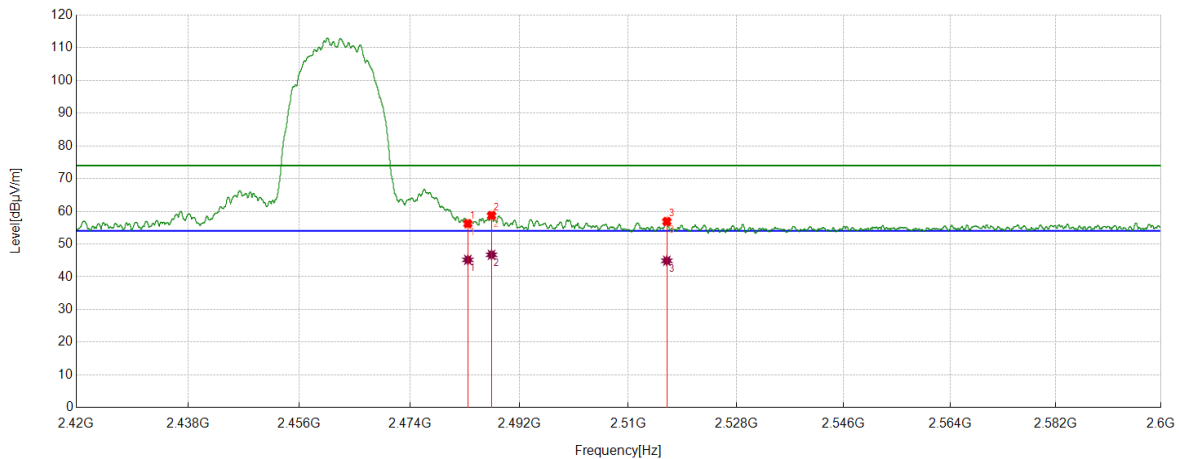
Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.

2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).

3. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.

4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



#### PK Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	41.99	14.25	56.24	74.00	-17.76	Vertical
2	2487.3959	44.42	14.32	58.74	74.00	-15.26	Vertical
3	2516.402	42.38	14.51	56.89	74.00	-17.11	Vertical

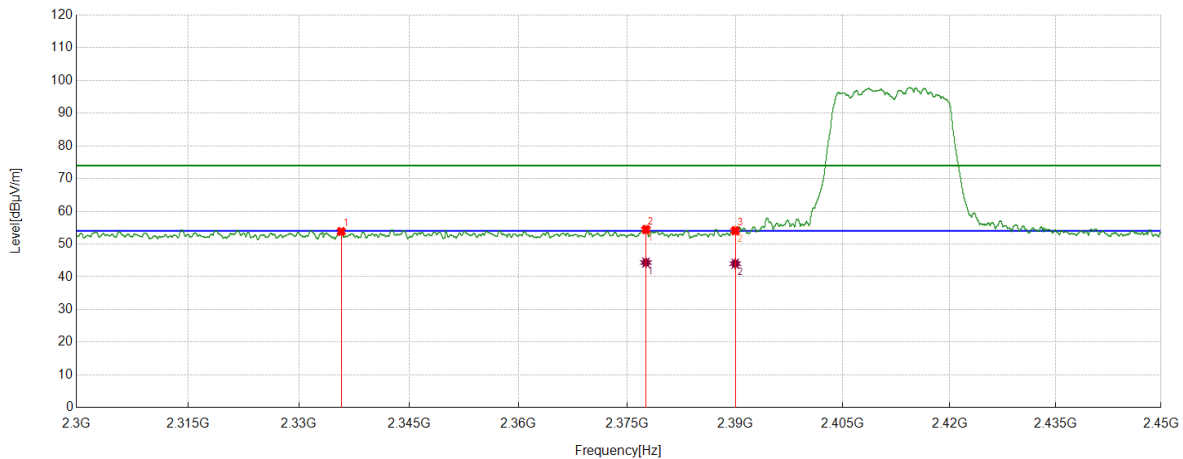
#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	30.93	14.25	45.18	54.00	-8.82	Vertical
2	2487.3959	32.41	14.32	46.73	54.00	-7.27	Vertical
3	2516.402	30.38	14.51	44.89	54.00	-9.11	Vertical

- Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.  
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).  
3. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.  
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



#### PK Result:

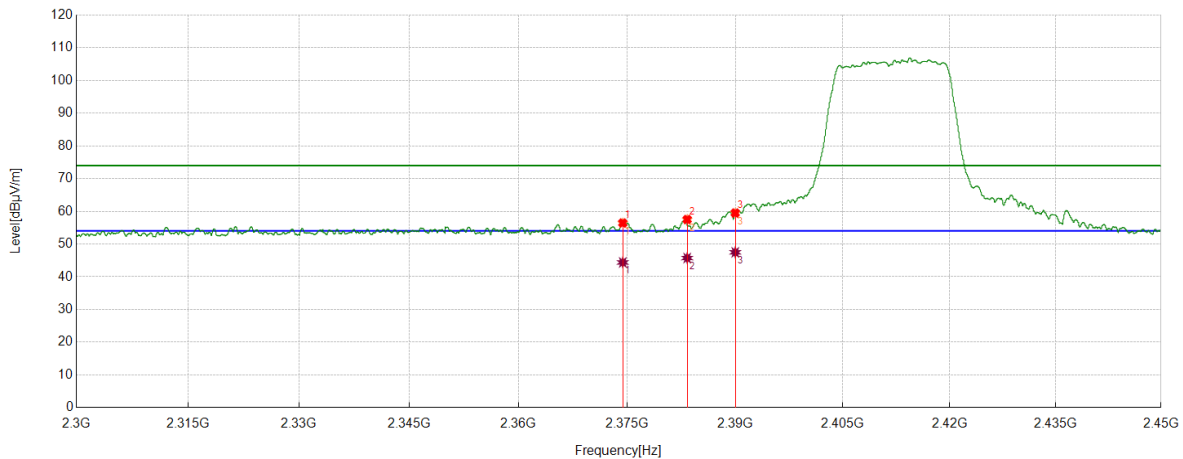
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2335.7795	40.39	13.44	53.83	74.00	-20.17	Horizontal
2	2377.5972	40.86	13.58	54.44	74.00	-19.56	Horizontal
3	2390.0000	40.60	13.48	54.08	74.00	-19.92	Horizontal

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2377.5972	30.78	13.58	44.36	54.00	-9.64	Horizontal
2	2390.0000	30.54	13.48	44.02	54.00	-9.98	Horizontal

- Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.  
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).  
3. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.  
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



#### PK Result:

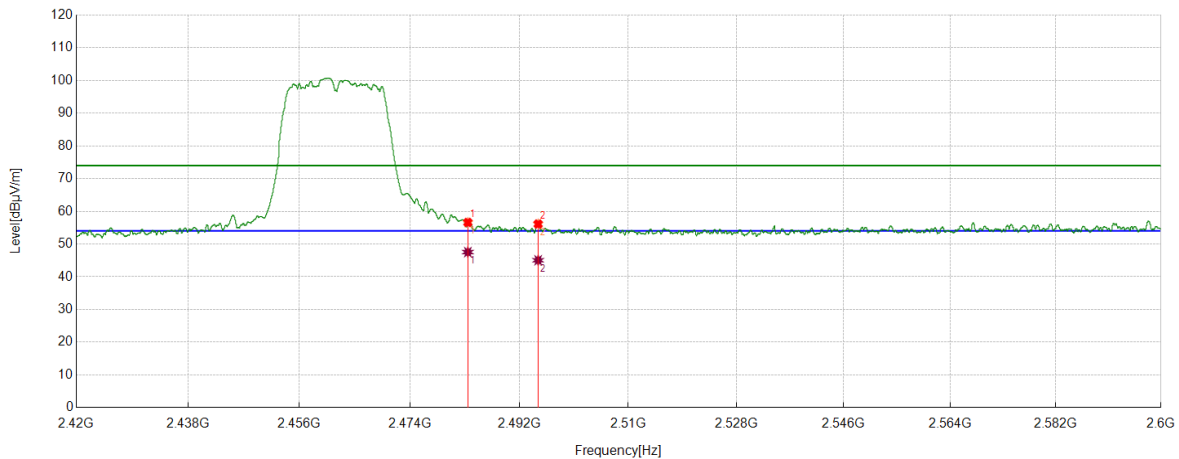
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2374.3905	42.87	13.57	56.44	74.00	-17.56	Vertical
2	2383.3167	43.95	13.56	57.51	74.00	-16.49	Vertical
3	2390.0000	46.01	13.48	59.49	74.00	-14.51	Vertical

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2374.3905	30.81	13.57	44.38	54.00	-9.62	Vertical
2	2383.3167	32.17	13.56	45.73	54.00	-8.27	Vertical
3	2390.0000	33.99	13.48	47.47	54.00	-6.53	Vertical

- Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.  
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).  
3. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.  
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



#### PK Result:

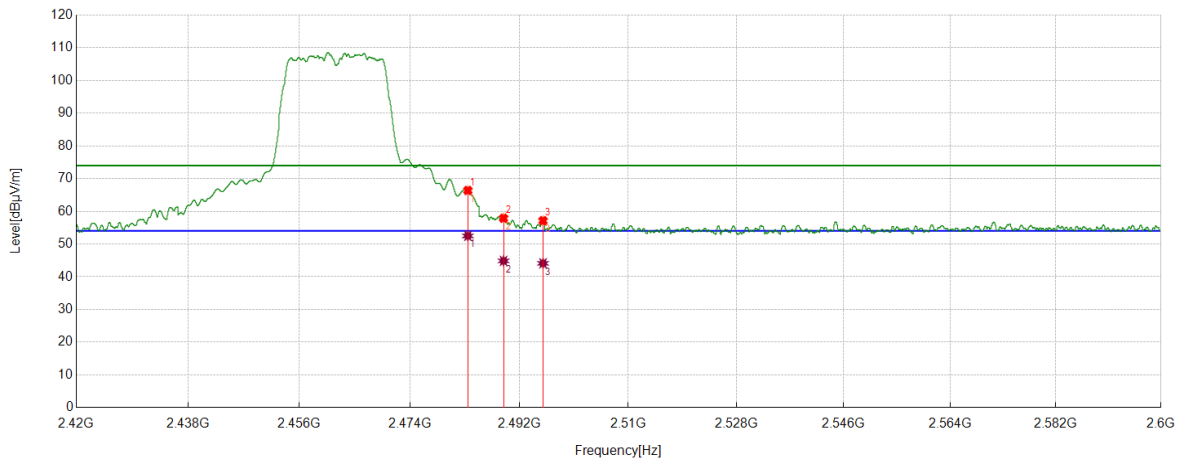
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	42.36	14.25	56.61	74.00	-17.39	Horizontal
2	2495.0694	41.80	14.32	56.12	74.00	-17.88	Horizontal

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	33.29	14.25	47.54	54.00	-6.46	Horizontal
2	2495.0694	30.73	14.32	45.05	54.00	-8.95	Horizontal

- Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.  
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).  
3. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.  
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



#### PK Result:

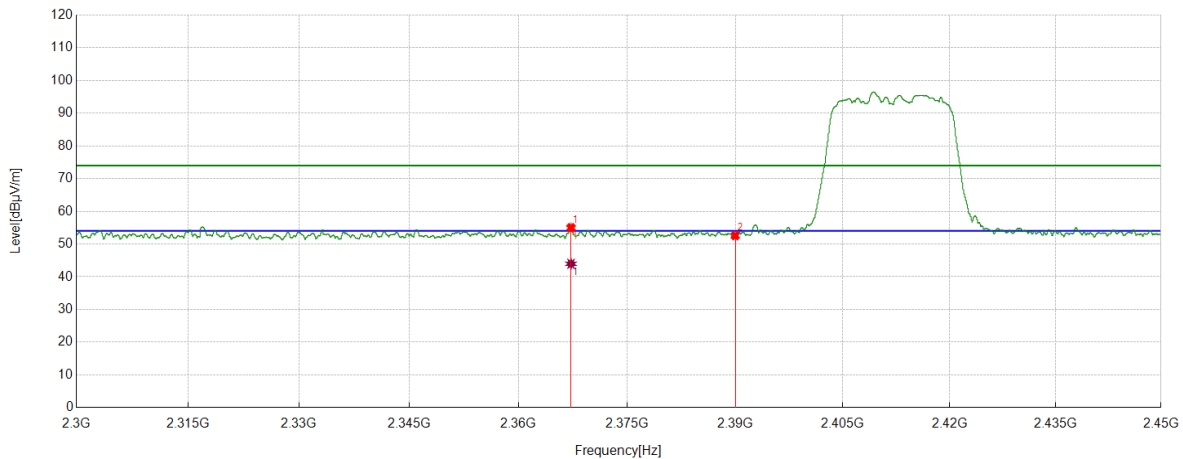
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	52.14	14.25	66.39	74.00	-7.61	Vertical
2	2489.3762	43.53	14.36	57.89	74.00	-16.11	Vertical
3	2495.8795	42.83	14.32	57.15	74.00	-16.85	Vertical

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	38.24	14.25	52.49	54.00	-1.51	Vertical
2	2489.3762	30.50	14.36	44.86	54.00	-9.14	Vertical
3	2495.8795	29.79	14.32	44.11	54.00	-9.89	Vertical

- Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.  
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).  
3. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.  
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



#### PK Result:

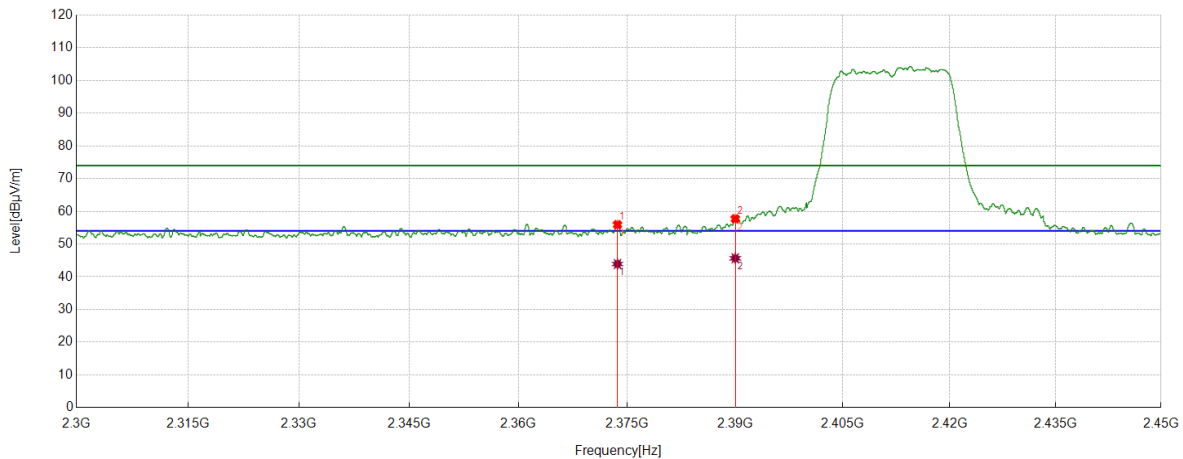
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2367.2459	41.47	13.53	55.00	74.00	-19.00	Horizontal
2	2390.0000	39.09	13.48	52.57	74.00	-21.43	Horizontal

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2367.2459	30.44	13.53	43.97	54.00	-10.03	Horizontal

- Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.  
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).  
3. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.  
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



#### PK Result:

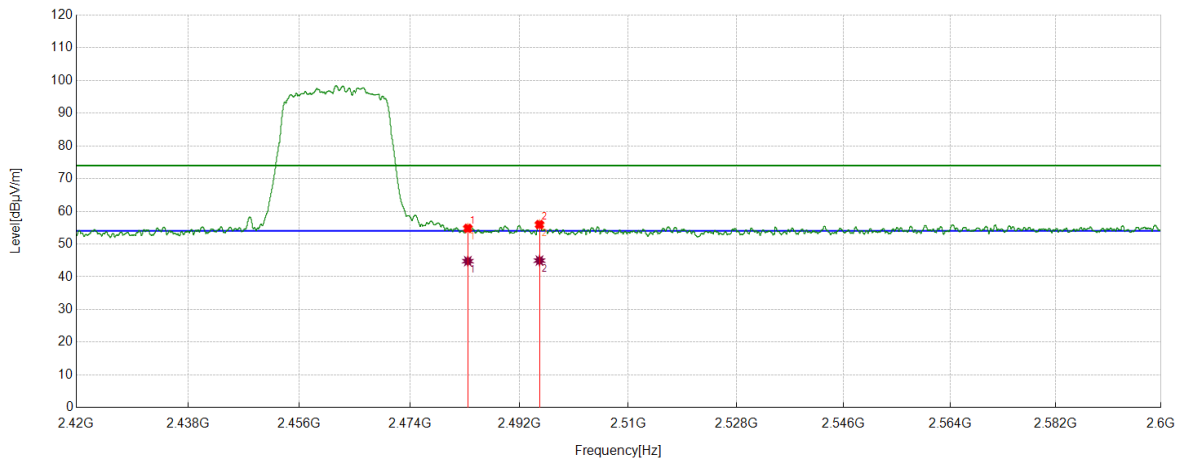
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2373.6592	42.36	13.57	55.93	74.00	-18.07	Vertical
2	2390.0000	44.24	13.48	57.72	74.00	-16.28	Vertical

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2373.6592	30.33	13.57	43.90	54.00	-10.10	Vertical
2	2390.0000	32.17	13.48	45.65	54.00	-8.35	Vertical

- Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.  
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).  
3. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.  
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



#### PK Result:

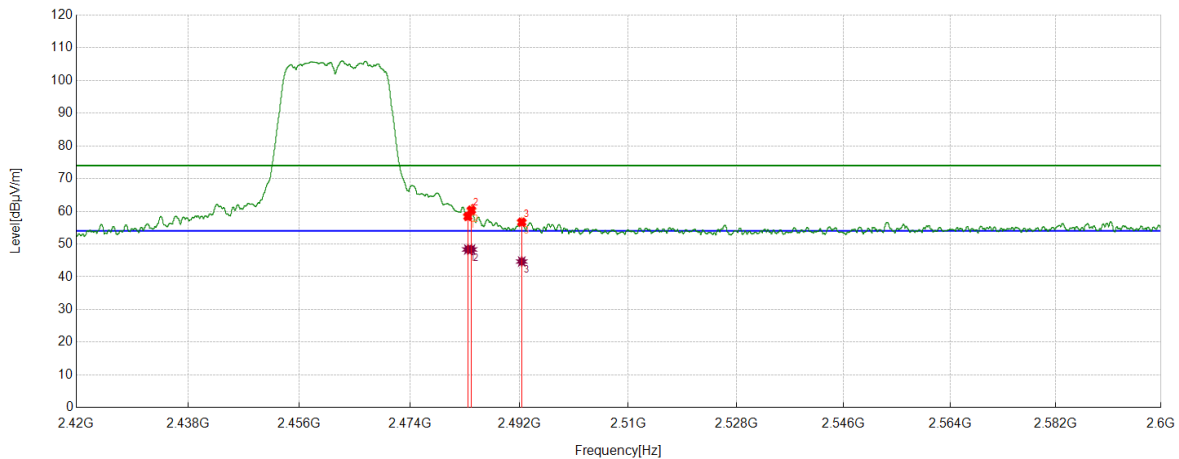
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	40.55	14.25	54.80	74.00	-19.20	Horizontal
2	2495.2944	41.64	14.32	55.96	74.00	-18.04	Horizontal

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	30.53	14.25	44.78	54.00	-9.22	Horizontal
2	2495.2944	30.64	14.32	44.96	54.00	-9.04	Horizontal

- Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.  
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).  
3. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.  
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



#### PK Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	44.19	14.25	58.44	74.00	-15.56	Vertical
2	2484.088	46.10	14.26	60.36	74.00	-13.64	Vertical
3	2492.369	42.35	14.34	56.69	74.00	-17.31	Vertical

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2483.5000	34.10	14.25	48.35	54.00	-5.65	Vertical
2	2484.088	34.09	14.26	48.35	54.00	-5.65	Vertical
3	2492.369	30.32	14.34	44.66	54.00	-9.34	Vertical

- Note: 1. Peak detector: RBW: 1 MHz, VBW: 3 MHz.  
2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).  
3. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.  
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



## 8.4. SPURIOUS EMISSIONS

### TEST RESULTS TABLE

#### 1) For 1GHz~18GHz

Test Mode	Channel	Puw(dBm)	Verdict
11B	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11G	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
11N HT20	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS

#### 2) For 9kHz~30MHz

Test Mode	Channel	Puw(dBm)	Verdict
11B	MCH	<Limit	PASS

Remark:

1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.

#### 3) For 30MHz~1GHz

Test Mode	Channel	Puw(dBm)	Verdict
11B	MCH	<Limit	PASS

Remark:

1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.

#### 4) For 18GHz~26.5GHz

Test Mode	Channel	Puw(dBm)	Verdict
11B	MCH	<Limit	PASS

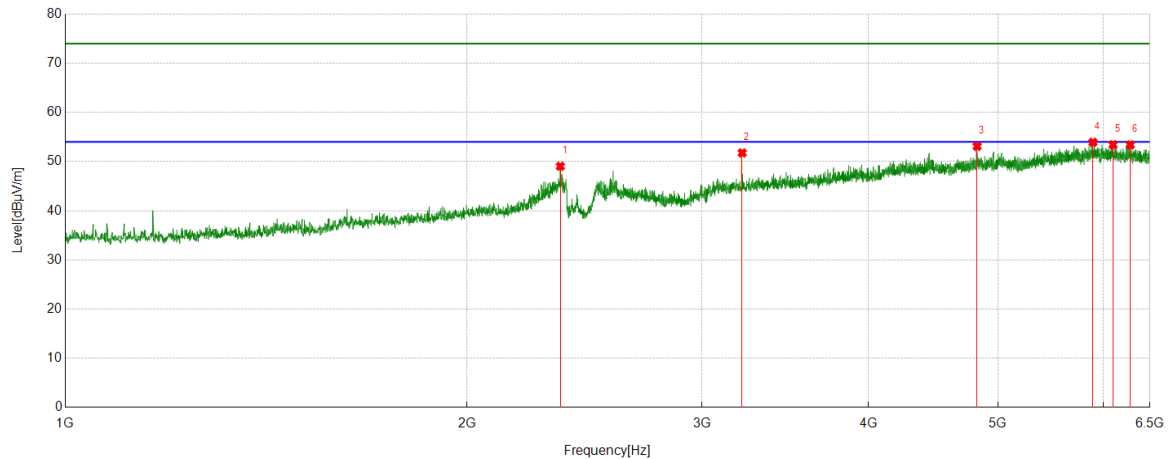
Remark:

1) Through pre-testing all the test modes and test channels, but only the data of the worst case is included in this test report.

## Part 1: 1GHz~6.5GHz

### HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS

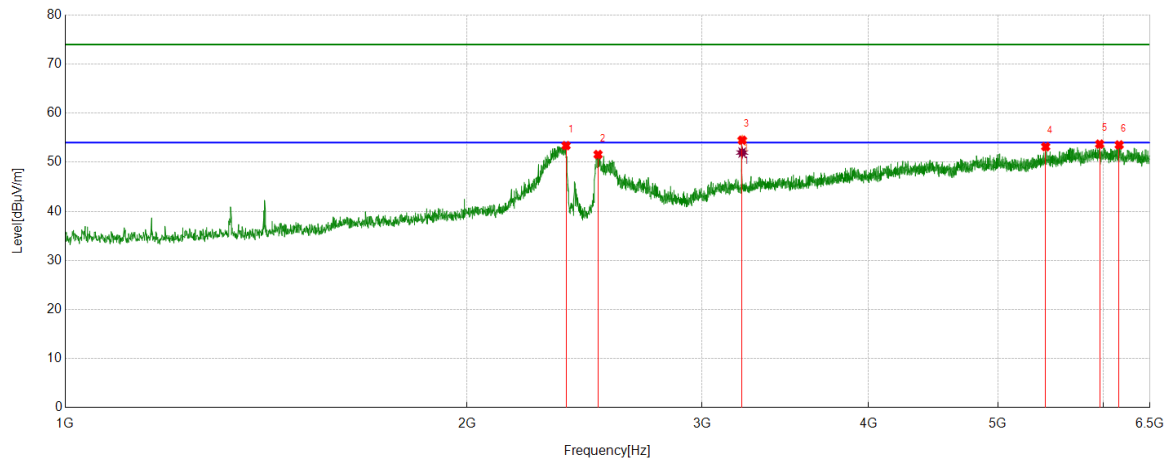


PK Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2349.7312	44.27	4.78	49.05	74.00	-24.95	Horizontal
2	3216.0895	42.34	9.42	51.76	74.00	-22.24	Horizontal
3	4823.6655	37.39	15.72	53.11	74.00	-20.89	Horizontal
4	5890.7988	35.96	17.97	53.93	74.00	-20.07	Horizontal
5	6098.4498	35.08	18.34	53.42	74.00	-20.58	Horizontal
6	6283.4104	34.75	18.65	53.40	74.00	-20.60	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
4. Peak: Peak detector.  
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.  
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



#### PK Result:

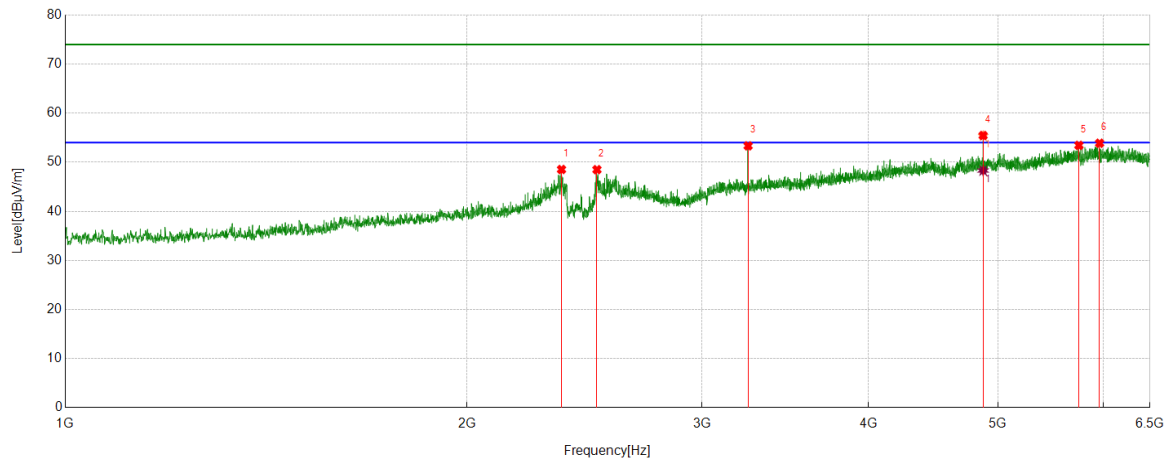
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2373.1091	48.56	4.82	53.38	74.00	-20.62	Vertical
2	2507.8760	45.66	5.91	51.57	74.00	-22.43	Vertical
3	3216.0895	45.07	9.42	54.49	74.00	-19.51	Vertical
4	5429.4287	35.60	17.56	53.16	74.00	-20.84	Vertical
5	5959.5574	35.13	18.56	53.69	74.00	-20.31	Vertical
6	6163.7705	34.91	18.62	53.53	74.00	-20.47	Vertical

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3216.0895	42.56	9.42	51.98	54.00	-2.02	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



#### PK Result:

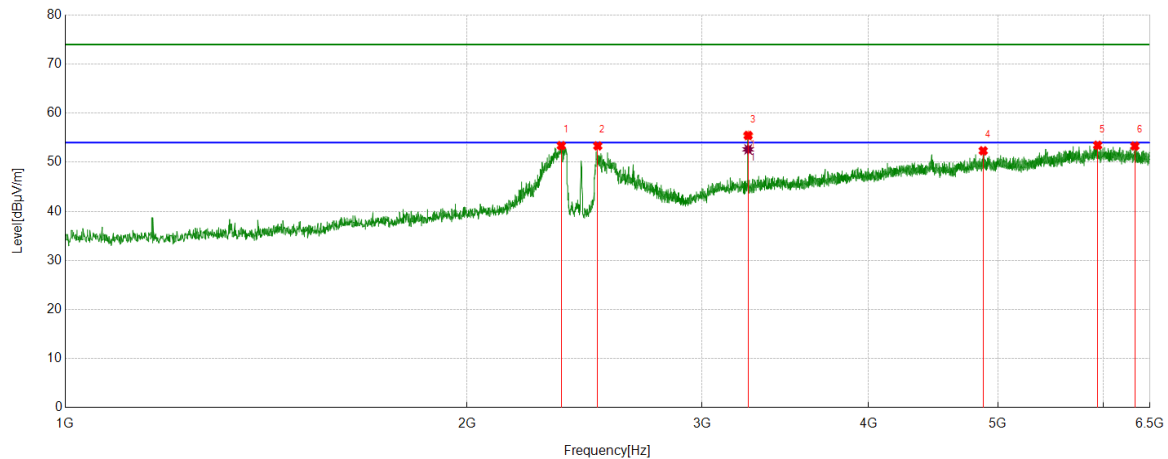
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2354.5443	43.76	4.77	48.53	74.00	-25.47	Horizontal
2	2503.0629	42.60	5.89	48.49	74.00	-25.51	Horizontal
3	3249.0936	43.95	9.39	53.34	74.00	-20.66	Horizontal
4	4873.8592	40.37	15.08	55.45	74.00	-18.55	Horizontal
5	5749.8437	35.78	17.66	53.44	74.00	-20.56	Horizontal
6	5958.8699	35.32	18.55	53.87	74.00	-20.13	Horizontal

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	4873.8592	33.23	15.08	48.31	54.00	-5.69	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



#### PK Result:

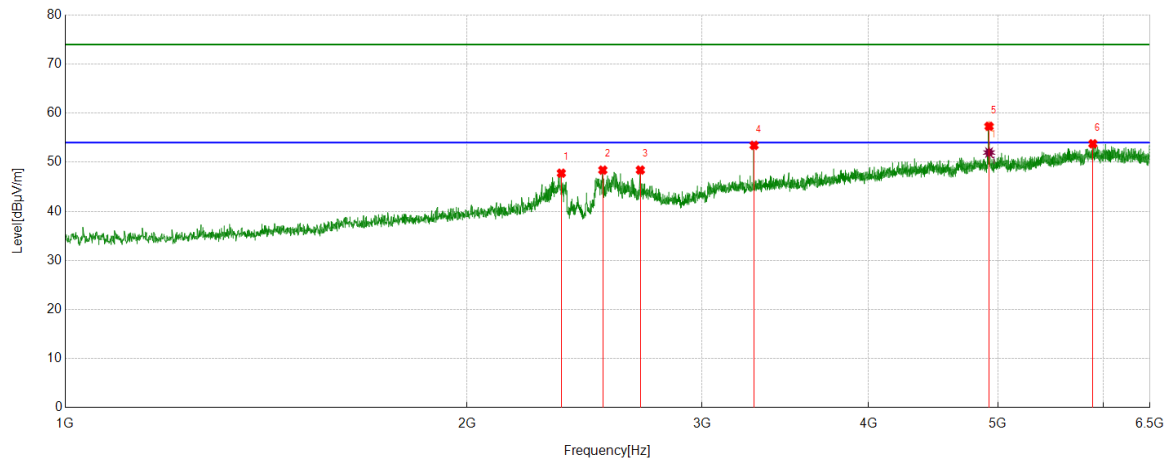
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2353.8567	48.61	4.77	53.38	74.00	-20.62	Vertical
2	2506.5008	47.42	5.90	53.32	74.00	-20.68	Vertical
3	3249.0936	46.07	9.39	55.46	74.00	-18.54	Vertical
4	4874.5468	37.23	15.10	52.33	74.00	-21.67	Vertical
5	5938.9299	34.98	18.48	53.46	74.00	-20.54	Vertical
6	6332.9166	34.27	19.03	53.30	74.00	-20.70	Vertical

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3249.0936	43.23	9.39	52.62	54.00	-1.38	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



#### PK Result:

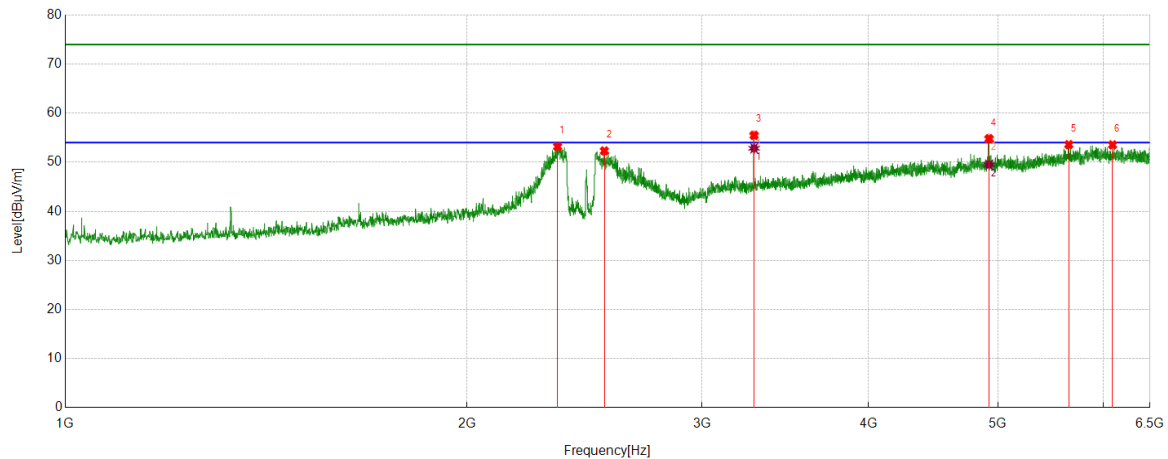
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2353.8567	43.00	4.77	47.77	74.00	-26.23	Horizontal
2	2528.5036	42.85	5.55	48.40	74.00	-25.60	Horizontal
3	2697.6497	41.84	6.57	48.41	74.00	-25.59	Horizontal
4	3282.7853	43.78	9.66	53.44	74.00	-20.56	Horizontal
5	4924.053	41.98	15.34	57.32	74.00	-16.68	Horizontal
6	5890.1113	35.78	17.98	53.76	74.00	-20.24	Horizontal

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	4924.053	36.64	15.34	51.98	54.00	-2.02	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



#### PK Result:

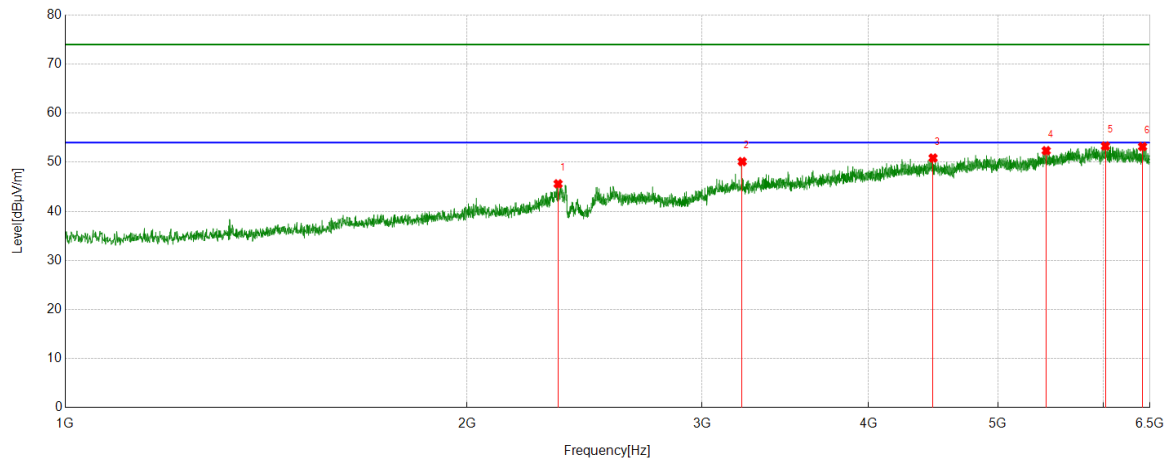
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2338.7298	48.18	5.00	53.18	74.00	-20.82	Vertical
2	2535.3794	46.52	5.79	52.31	74.00	-21.69	Vertical
3	3282.7853	45.83	9.66	55.49	74.00	-18.51	Vertical
4	4924.053	39.45	15.34	54.79	74.00	-19.21	Vertical
5	5650.1438	36.14	17.45	53.59	74.00	-20.41	Vertical
6	6093.6367	35.32	18.22	53.54	74.00	-20.46	Vertical

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3282.7853	43.18	9.66	52.84	54.00	-1.16	Vertical
2	4924.053	34.16	15.34	49.50	54.00	-4.50	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



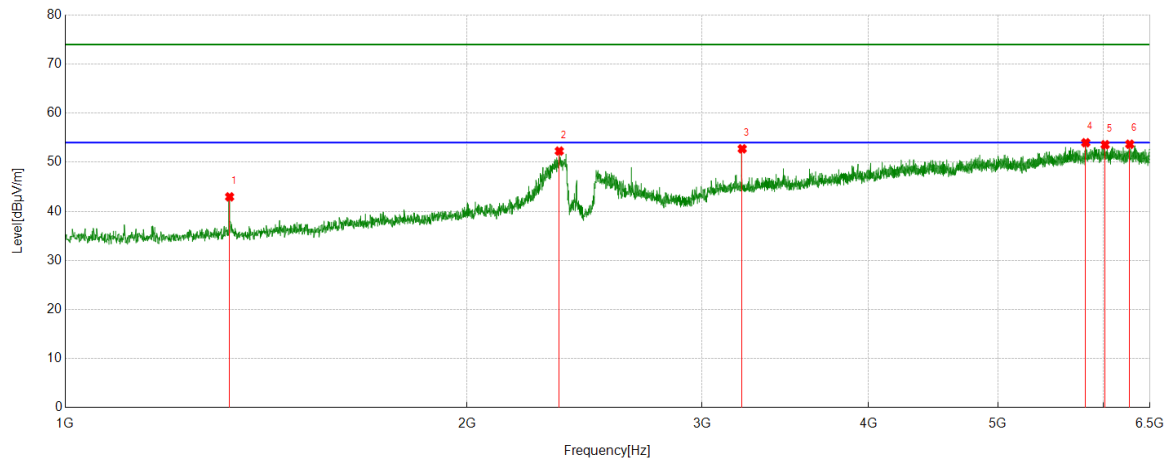
#### PK Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2340.7926	40.63	4.97	45.60	74.00	-28.40	Horizontal
2	3216.0895	40.71	9.42	50.13	74.00	-23.87	Horizontal
3	4470.2463	36.35	14.51	50.86	74.00	-23.14	Horizontal
4	5434.2418	34.89	17.46	52.35	74.00	-21.65	Horizontal
5	6019.3774	35.33	17.97	53.30	74.00	-20.70	Horizontal
6	6417.4897	34.64	18.54	53.18	74.00	-20.82	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS

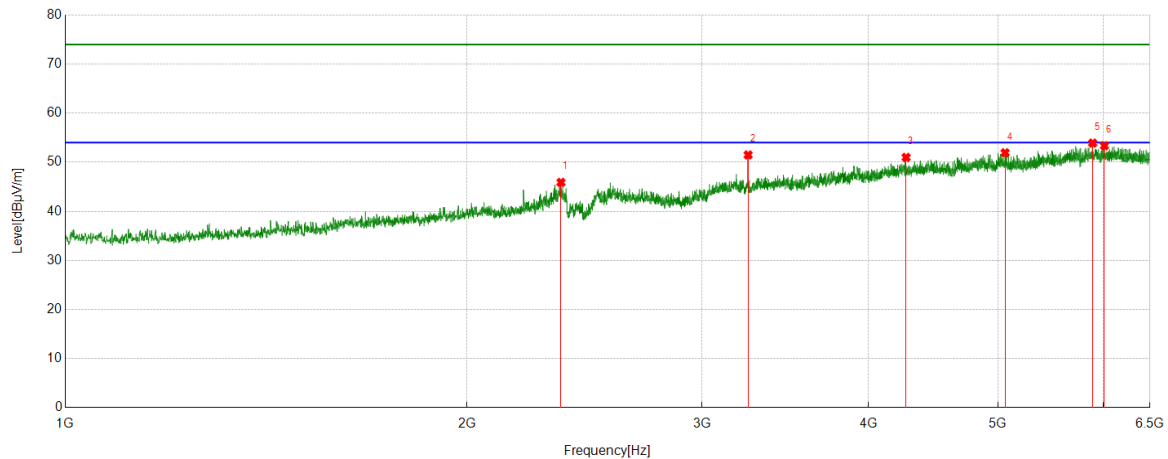


#### PK Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	1327.9785	44.05	-1.10	42.95	74.00	-31.05	Vertical
2	2345.6057	47.41	4.87	52.28	74.00	-21.72	Vertical
3	3216.0895	43.31	9.42	52.73	74.00	-21.27	Vertical
4	5817.9147	35.44	18.54	53.98	74.00	-20.02	Vertical
5	6015.9395	35.54	18.03	53.57	74.00	-20.43	Vertical
6	6277.2222	35.00	18.67	53.67	74.00	-20.33	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS

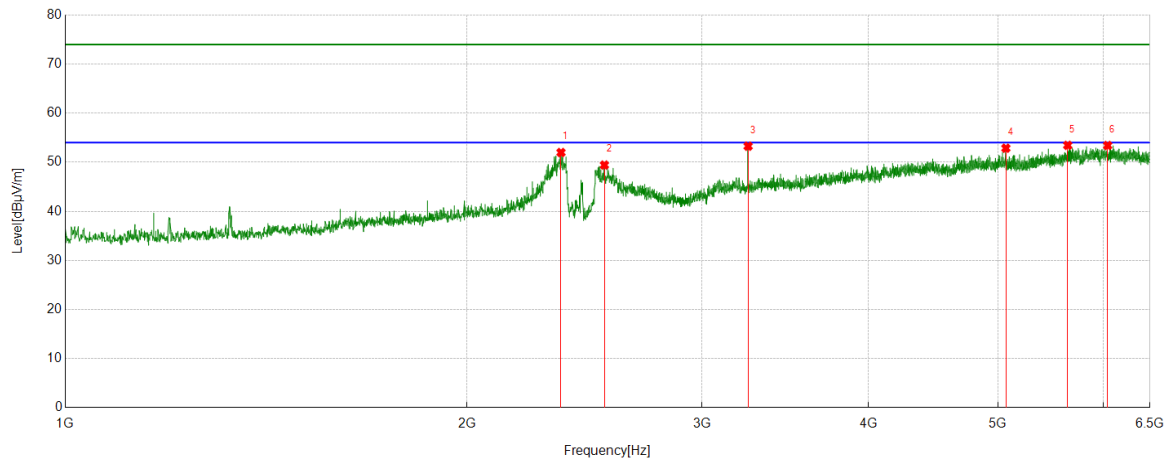


PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2352.4816	41.11	4.78	45.89	74.00	-28.11	Horizontal
2	3249.0936	42.10	9.39	51.49	74.00	-22.51	Horizontal
3	4267.4084	37.01	13.97	50.98	74.00	-23.02	Horizontal
4	5062.2578	36.00	15.92	51.92	74.00	-22.08	Horizontal
5	5888.0485	35.98	17.92	53.90	74.00	-20.10	Horizontal
6	6009.0636	35.21	18.15	53.36	74.00	-20.64	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS

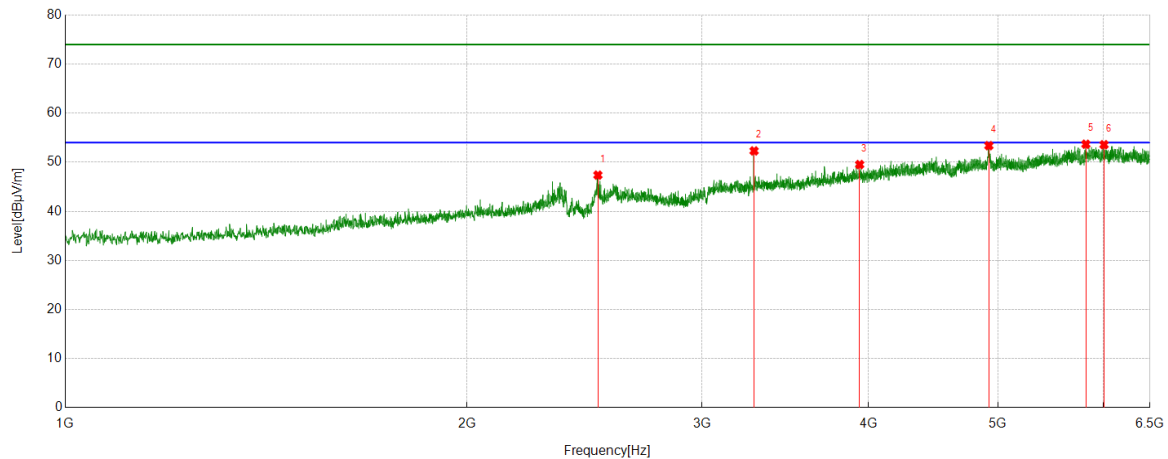


#### PK Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2352.4816	47.20	4.78	51.98	74.00	-22.02	Vertical
2	2535.3794	43.64	5.79	49.43	74.00	-24.57	Vertical
3	3249.0936	43.88	9.39	53.27	74.00	-20.73	Vertical
4	5069.1336	36.64	16.22	52.86	74.00	-21.14	Vertical
5	5639.83	35.84	17.61	53.45	74.00	-20.55	Vertical
6	6042.0678	35.49	17.93	53.42	74.00	-20.58	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS

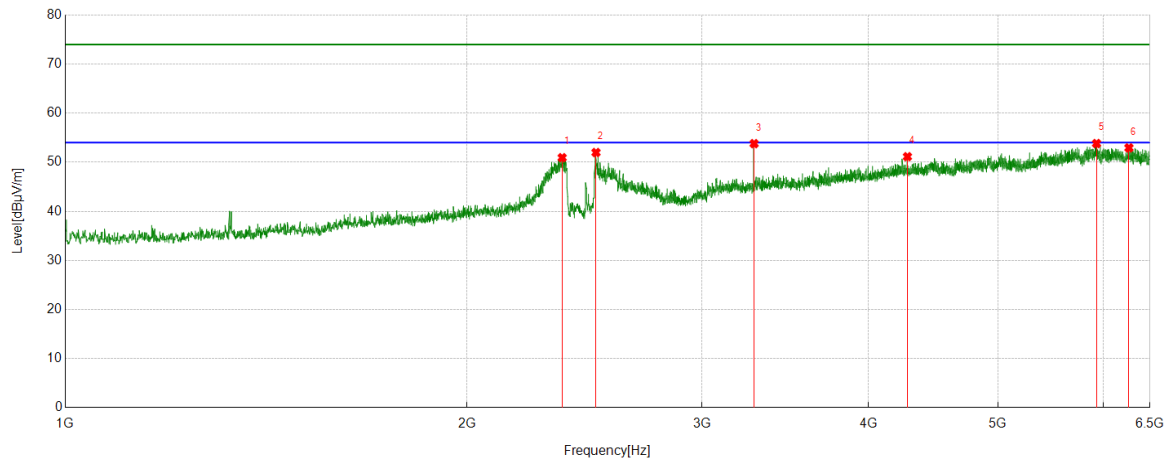


#### PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2507.1884	41.48	5.90	47.38	74.00	-26.62	Horizontal
2	3282.7853	42.65	9.66	52.31	74.00	-21.69	Horizontal
3	3938.7423	37.17	12.36	49.53	74.00	-24.47	Horizontal
4	4922.6778	38.04	15.34	53.38	74.00	-20.62	Horizontal
5	5819.2899	35.05	18.62	53.67	74.00	-20.33	Horizontal
6	6004.2505	35.37	18.20	53.57	74.00	-20.43	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS

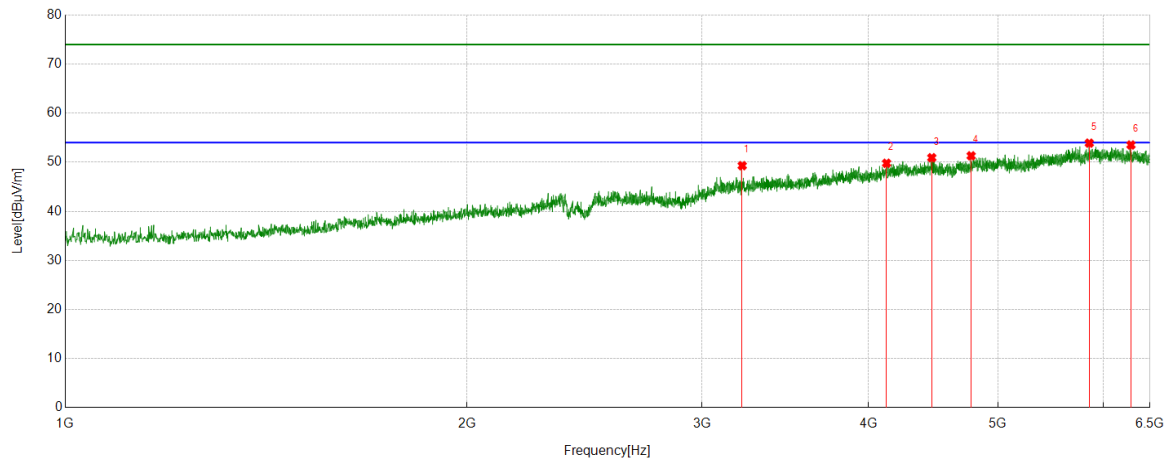


#### PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2357.2947	46.15	4.78	50.93	74.00	-23.07	Vertical
2	2498.9374	46.11	5.87	51.98	74.00	-22.02	Vertical
3	3282.7853	44.13	9.66	53.79	74.00	-20.21	Vertical
4	4277.0346	37.32	13.82	51.14	74.00	-22.86	Vertical
5	5927.2409	34.97	18.85	53.82	74.00	-20.18	Vertical
6	6268.2835	34.24	18.69	52.93	74.00	-21.07	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS

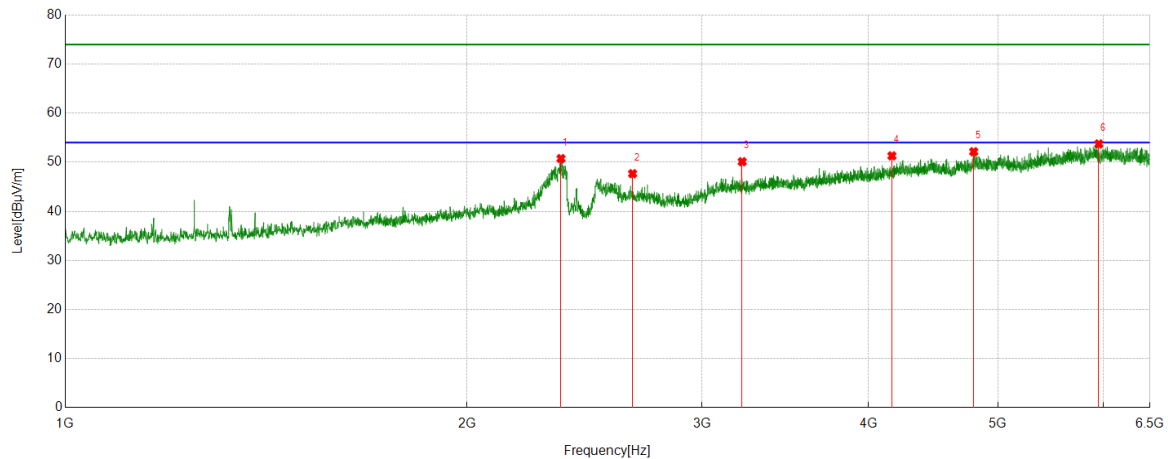


PK Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	3216.0895	39.88	9.42	49.30	74.00	-24.70	Horizontal
2	4125.7657	36.23	13.56	49.79	74.00	-24.21	Horizontal
3	4460.6201	36.01	14.91	50.92	74.00	-23.08	Horizontal
4	4774.1593	36.62	14.69	51.31	74.00	-22.69	Horizontal
5	5853.6692	35.94	17.95	53.89	74.00	-20.11	Horizontal
6	6290.2863	34.89	18.63	53.52	74.00	-20.48	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.  
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.  
4. Peak: Peak detector.  
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.  
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS

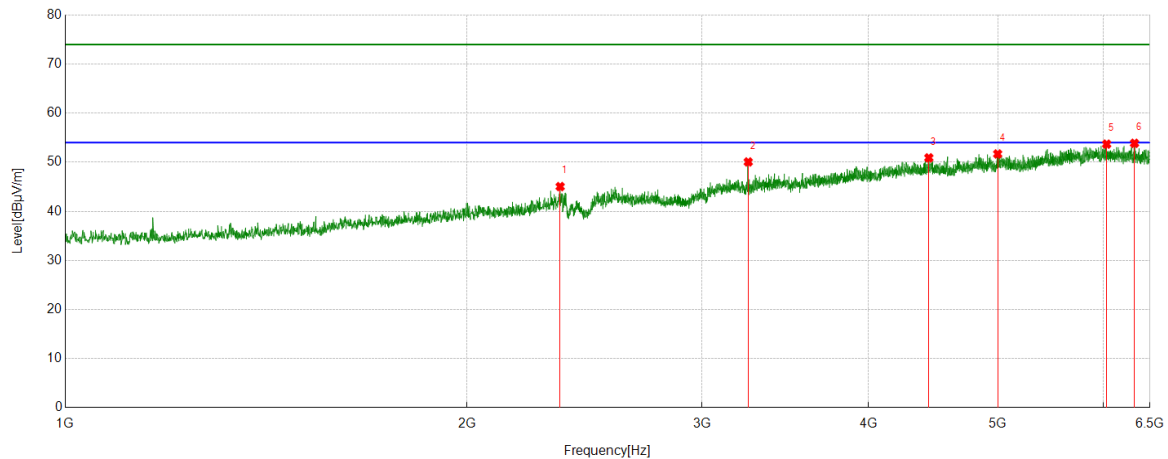


#### PK Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2352.4816	45.97	4.78	50.75	74.00	-23.25	Vertical
2	2661.8952	41.60	6.07	47.67	74.00	-26.33	Vertical
3	3216.0895	40.69	9.42	50.11	74.00	-23.89	Vertical
4	4164.2705	37.95	13.35	51.30	74.00	-22.70	Vertical
5	4795.4744	36.86	15.29	52.15	74.00	-21.85	Vertical
6	5950.6188	35.26	18.47	53.73	74.00	-20.27	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Horizontal	PASS



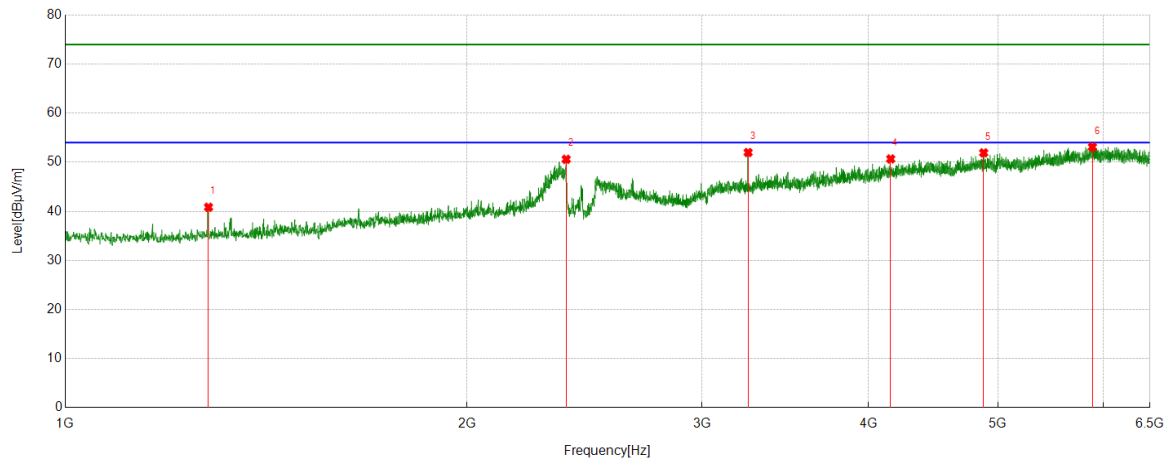
#### PK Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2349.0436	40.25	4.79	45.04	74.00	-28.96	Horizontal
2	3249.7812	40.65	9.41	50.06	74.00	-23.94	Horizontal
3	4437.9297	36.34	14.56	50.90	74.00	-23.10	Horizontal
4	4997.6247	36.43	15.26	51.69	74.00	-22.31	Horizontal
5	6031.754	35.76	17.93	53.69	74.00	-20.31	Horizontal
6	6328.7911	34.78	19.08	53.86	74.00	-20.14	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS

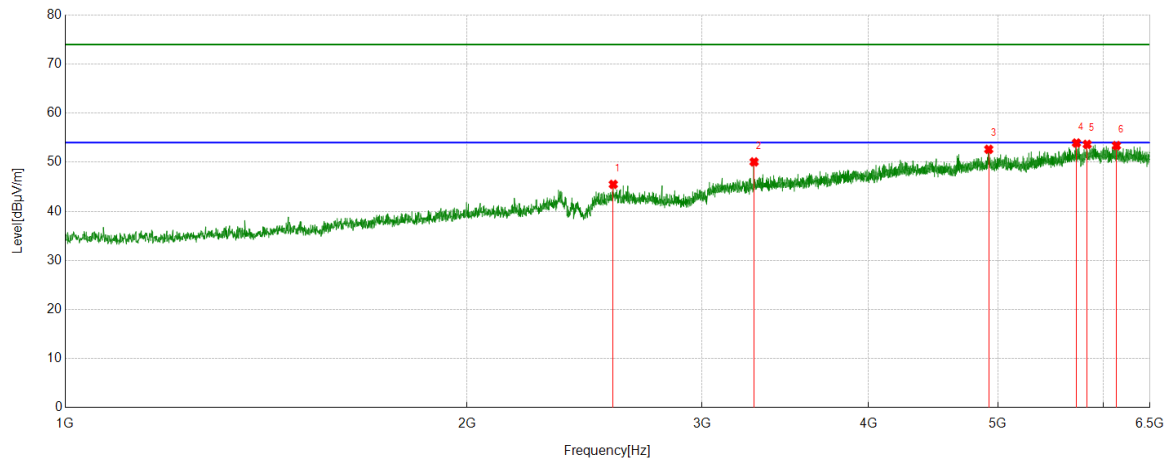


#### PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1280.5351	42.25	-1.41	40.84	74.00	-33.16	Vertical
2	2373.7967	45.78	4.82	50.60	74.00	-23.40	Vertical
3	3249.0936	42.60	9.39	51.99	74.00	-22.01	Vertical
4	4155.3319	37.33	13.34	50.67	74.00	-23.33	Vertical
5	4878.6723	36.75	15.17	51.92	74.00	-22.08	Vertical
6	5885.2982	35.28	17.83	53.11	74.00	-20.89	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS

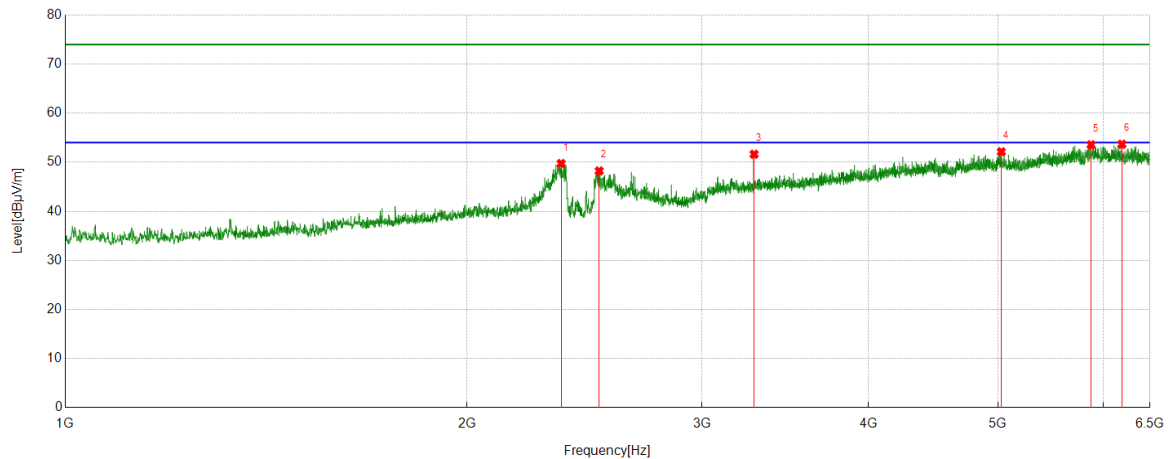


#### PK Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2574.5718	39.65	5.84	45.49	74.00	-28.51	Horizontal
2	3282.7853	40.41	9.66	50.07	74.00	-23.93	Horizontal
3	4921.3027	37.27	15.36	52.63	74.00	-21.37	Horizontal
4	5725.0906	36.43	17.49	53.92	74.00	-20.08	Horizontal
5	5832.354	35.10	18.54	53.64	74.00	-20.36	Horizontal
6	6134.2043	35.11	18.28	53.39	74.00	-20.61	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



#### PK Result:

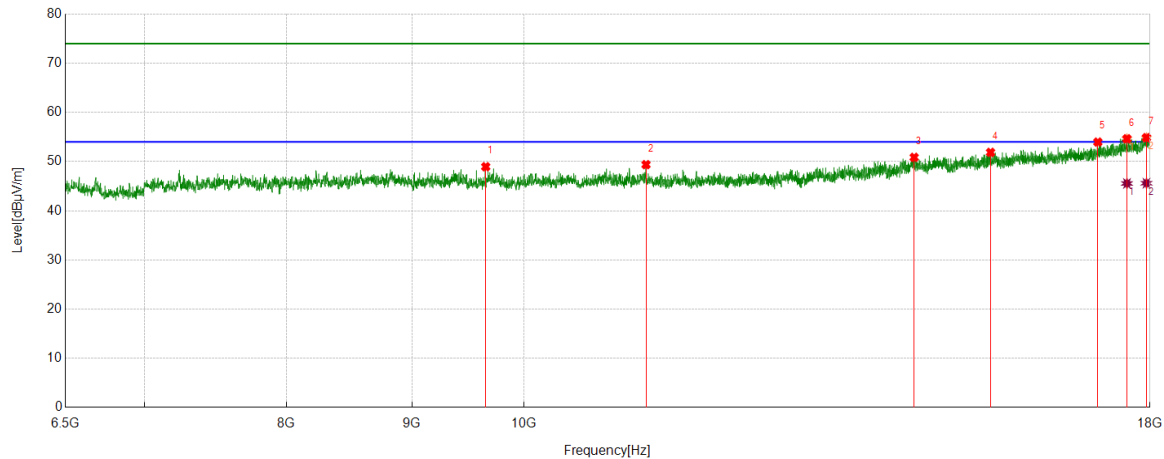
No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	2353.1691	44.97	4.77	49.74	74.00	-24.26	Vertical
2	2512.6891	42.37	5.86	48.23	74.00	-25.77	Vertical
3	3282.7853	41.97	9.66	51.63	74.00	-22.37	Vertical
4	5029.2537	36.34	15.79	52.13	74.00	-21.87	Vertical
5	5871.5464	35.68	17.88	53.56	74.00	-20.44	Vertical
6	6192.6491	34.94	18.72	53.66	74.00	-20.34	Vertical

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

## Part 2: 6.5GHz~18GHz

### HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



#### PK Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	9647.0809	42.56	6.39	48.95	74.00	-25.05	Horizontal
2	11214.1518	42.07	7.31	49.38	74.00	-24.62	Horizontal
3	14424.4906	37.97	12.89	50.86	74.00	-23.14	Horizontal
4	15496.9996	37.93	13.94	51.87	74.00	-22.13	Horizontal
5	17140.2675	37.59	16.38	53.97	74.00	-20.03	Horizontal
6	17614.7018	36.58	18.06	54.64	74.00	-19.36	Horizontal
7	17941.0551	35.42	19.45	54.87	74.00	-19.13	Horizontal

#### AV Result:

No.	Frequency [MHz]	Reading Level [dBuV]	Correct Factor [dB/m]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
1	17614.7018	27.49	18.06	45.55	54.00	-8.45	Horizontal
2	17941.0551	26.15	19.45	45.60	54.00	-8.40	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor,  
Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.